INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI 2005–2010

RC-Specific Evaluation of EAT – Economic Applications and Theory

Seppo Saari & Antti Moilanen (Eds.)
INTRODUCTION

ECONOMIC APPLICATIONS AND THEORY

Seppo Saari & Antti Moilanen (Eds.)
### Title:

### Type of publication:
Evaluations

### Summary:
Researcher Community (RC) was a new concept of the participating unit in the evaluation. Participation in the evaluation was voluntary and the RCs had to choose one of the five characteristic categories to participate.

Evaluation of the Researcher Community was based on the answers to the evaluation questions. In addition a list of publications and other activities were provided by the TUHAT system. The CWTS/Leiden University conducted analyses for 80 RCs and the Helsinki University Library for 66 RCs. Panellists, 49 and two special experts in five panels evaluated all the evaluation material as a whole and discussed the feedback for RC-specific reports in the panel meetings in Helsinki. The main part of this report is consisted of the feedback which is published as such in the report.

Chapters in the report:
1. Background for the evaluation
2. Evaluation feedback for the Researcher Community
3. List of publications
4. List of activities
5. Bibliometric analyses

The level of the RCs' success can be concluded from the written feedback together with the numeric evaluation of four evaluation questions and the category fitness. More conclusions of the success can be drawn based on the University-level report.

### RC-specific information:

<table>
<thead>
<tr>
<th>Main scientific field of research:</th>
<th>Social Sciences</th>
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<tr>
<td>RC-specific keywords:</td>
<td>Applied economic theory, public economics, labour economics, applied industrial organisation</td>
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<tr>
<td>Participation category:</td>
<td>2. Research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear breakthrough</td>
</tr>
<tr>
<td>RC's responsible person:</td>
<td>Kultti, Klaus</td>
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### Keywords:
Research Evaluation, Meta-evaluation, Doctoral Training, Bibliometric Analyses, Researcher Community

### Series title and number:
University of Helsinki, Administrative Publications 80/117, Evaluations

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The evaluation of research and doctoral training is being carried out in the years 2010–2012 and will end in 2012. The steering group appointed by the Rector in January 2010 set the conditions for participating in the evaluation and prepared the Terms of Reference to present the evaluation procedure and criteria. The publications and other scientific activities included in the evaluation covered the years 2005–2010.

The participating unit in the evaluation was defined as a Researcher Community (RC). To obtain a critical mass with university-level impact, the number of members was set to range from 20 to 120. The RCs were required to contain researchers in all stages of their research career, from doctoral students to principal investigators (PIs). All in all, 136 Researcher Communities participated in this voluntary evaluation, 5857 persons in total, of whom 1131 were principal investigators. PIs were allowed to participate in two communities in certain cases, and 72 of them used this opportunity and participated in two RCs.

This evaluation enabled researchers to define RCs from the “bottom up” and across disciplines. The aim of the evaluation was not to assess individual performance but a community with shared aims and researcher-training activities. The RCs were able to choose among five different categories that characterised the status and main aims of their research. The steering group considered the process of applying to participate in the evaluation to be important, which lead to the establishment of these categories. In addition, providing a service for the RCs to enable them to benchmark their research at the global level was a main goal of the evaluation.

The data for the evaluation consisted of the RCs’ answers to evaluation questions on supplied e-forms and a compilation extracted from the TUHAT – Research Information System (RIS) on 12 April 2011. The compilation covered scientific and other publications as well as certain areas of scientific activities. During the process, the RCs were asked to check the list of publications and other scientific activities and make corrections if needed. These TUHAT compilations are public and available on the evaluation project sites of each RC in the TUHAT-RIS.

In addition to the e-form and TUHAT compilation, University of Leiden (CWTS) carried out bibliometric analyses from the articles included in the Web of Science (WoS). This was done on University and RC levels. In cases where the publication forums of the RC were clearly not represented by the WoS data, the Library of the University of Helsinki conducted a separate analysis of the publications. This was done for 66 RCs representing the humanities and social sciences.

The evaluation office also carried out an enquiry targeted to the supervisors and PhD candidates about the organisation of doctoral studies at the University of Helsinki. This and other documents describing the University and the Finnish higher education system were provided to the panellists.

The panel feedback for each RC is unique and presented as an entity. The first collective evaluation reports available for the whole panel were prepared in July–August 2011. The reports were accessible to all panel members via the electronic evaluation platform in August. Scoring from 1 to 5 was used to complement written feedback in association with evaluation questions 1–4 (scientific focus and quality, doctoral training, societal impact, cooperation) and in addition to the category evaluating the fitness for participation in the evaluation. Panellists used the international level as a point of comparison in the evaluation. Scoring was not expected to go along with a preset deviation.

Each of the draft reports were discussed and dealt with by the panel in meetings in Helsinki (from 11 September to 13 September or from 18 September to 20 September 2011). In these meetings the panels also examined the deviations among the scores and finalised the draft reports together.

The current RC-specific report deals shortly with the background of the evaluation and the terms of participation. The main evaluation feedback is provided in the evaluation report, organised according to the evaluation questions. The original material provided by the RCs for the panellists has been attached to these documents.
On behalf of the evaluation steering group and office, I sincerely wish to thank you warmly for your participation in this evaluation. The effort you made in submitting the data to TUHAT-RIS is gratefully acknowledged by the University. We wish that you find this panel feedback useful in many ways. The bibliometric profiles may open a new view on your publication forums and provide a perspective for discussion on your choice of forums. We especially hope that this evaluation report will help you in setting the future goals of your research.

Johanna Björkroth
Vice-Rector
Chair of the Steering Group of the Evaluation

Steering Group of the evaluation
Steering group, nominated by the Rector of the University, was responsible for the planning of the evaluation and its implementation having altogether 22 meetings between February 2010 and March 2012.

Chair
Vice-Rector, professor Johanna Björkroth

Vice-Chair
Professor Marja Airaksinen
Chief Information Specialist, Dr Maria Forsman
Professor Arto Mustajoki
University Lecturer, Dr Kirsi Pyhältö
Director of Strategic Planning and Development, Dr Ossi Tuomi
Doctoral candidate, MSocSc Jussi Vauhkonen
Panel members

CHAIR
Professor Hebe Vessuri
Social anthropology
Venezuelan Institute of Scientific Research, Venezuela

VICE-CHAIR
Professor Christine Helm
Psychology, neurobiology of early-life stress, depression, anxiety, functional somatic disorders
Charité University Medicine Berlin, Germany

Professor Allen Ketcham
Ethics and social philosophy, applied Social philosophy, ethics of business
Texas A&M University – Kingsville, USA

Professor Erno Lehtinen
Education, educational reform
University of Turku, Finland

Professor Enzo Mingione
Urban sociology
University of Milan - Bicocca, Italy

Professor Giovanna Procacci
Political sociology, transformation of citizenship, social rights, social exclusion, immigration policy
University of Milan, Italy

Professor Inger Johanne Sand
Law, public law, legal theory
University of Oslo, Norway

Professor Timo Teräsvirta
Time series econometrics
Aarhus University, Denmark

Professor Göran Therborn
General sociology
University of Cambridge, Great Britain

Professor Liisa Uusitalo
Consumer behaviour (economic & social theory), marketing and communication research
Aalto University, School of Economics, Finland

The panel, independently, evaluated all the submitted material and was responsible for the feedback of the RC-specific reports. The panel members were asked to confirm whether they had any conflict of interests with the RCs. If this was the case, the panel members disqualified themselves in discussion and report writing.

Added expertise to the evaluation was contributed by two members from the Panel of Humanities.

Experts from the Panel of Humanities
Professor Erhard Hinrichs
Professor Pauline von Bonsdorff
EVALUATION OFFICE
Dr Seppo Saari, Doc., Senior Adviser in Evaluation, was responsible for the entire evaluation, its planning and implementation and acted as an Editor-in-chief of the reports.

Dr Eeva Sievi, Doc., Adviser, was responsible for the registration and evaluation material compilations for the panellists. She worked in the evaluation office from August 2010 to July 2011.

MSocSc Paula Ranne, Planning Officer, was responsible for organising the panel meetings and all the other practical issues like agreements and fees and editing a part the RC-specific reports. She worked in the evaluation office from March 2011 to January 2012.

Mr Antti Molianen, Project Secretary, was responsible for editing the reports. He worked in the evaluation office from January 2012 to April 2012.

TUHAT OFFICE
Provision of the publication and other scientific activity data
Mrs Aija Kaitera, Project Manager of TUHAT-RIS served the project ex officio providing the evaluation project with the updated information from TUHAT-RIS. The TUHAT office assisted in mapping the publications with CWTS/University of Leiden.

MA Liisa Ekebom, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation. She also assisted the UH/Library analyses.

BA Liisa Jäppinen, Assisting Officer, served in TUHAT-RIS updating the publications for the evaluation.

HELSINKI UNIVERSITY LIBRARY
Provision of the publication analyses
Dr Maria Forsman, Chief Information Specialist in the Helsinki University Library, managed with her 10 colleagues the bibliometric analyses in humanities, social sciences and in other fields of sciences where CWTS analyses were not applicable.
Acronyms and abbreviations applied in the report

External competitive funding
   AF – Academy of Finland
   TEKES - Finnish Funding Agency for Technology and Innovation
   EU - European Union
   ERC - European Research Council
   International and national foundations
   FP7/6 etc. /Framework Programmes/Funding of European Commission

Evaluation marks
   Excellent (4)
   Very Good (3)
   Good (2)
   Sufficient (1)

Abbreviations of Bibliometric Indicators
   P - Number of publications
   TCS – Total number of citations
   MCS - Number of citations per publication, excluding self-citations
   PNC - Percentage of uncited publications
   MNCS - Field-normalized number of citations per publication
   MNJS - Field-normalized average journal impact
   THCP10 - Field-normalized proportion highly cited publications (top 10%)
   INT_COV - Internal coverage, the average amount of references covered by the WoS
   WoS – Thomson Reuters Web of Science Databases

Participation category
   Category 1. The research of the participating community represents the international cutting edge in its field.
   Category 2. The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.
   Category 3. The research of the participating community is distinct from mainstream research, and the special features of the research tradition in the field must be considered in the evaluation.
   Category 4. The research of the participating community represents an innovative opening.
   Category 5. The research of the participating community has a highly significant societal impact.

Research focus areas of the University of Helsinki
   Focus area 1: The basic structure, materials and natural resources of the physical world
   Focus area 2: The basic structure of life
   Focus area 3: The changing environment – clean water
   Focus area 4: The thinking and learning human being
   Focus area 5: Welfare and safety
   Focus area 6: Clinical research
   Focus area 7: Precise reasoning
   Focus area 8: Language and culture
   Focus area 9: Social justice
   Focus area 10: Globalisation and social change
1 Introduction to the Evaluation

1.1 RC-specific evaluation reports

The participants in the evaluation of research and doctoral training were Researcher Communities (hereafter referred to as the RC). The RC refers to the group of researchers who registered together in the evaluation of their research and doctoral training. Preconditions in forming RCs were stated in the Guidelines for the Participating Researcher Communities. The RCs defined themselves whether their compositions should be considered well-established or new.

It is essential to emphasise that the evaluation combines both meta-evaluation1 and traditional research assessment exercise and its focus is both on the research outcomes and procedures associated with research and doctoral training. The approach to the evaluation is enhancement-led where self-evaluation constituted the main information. The answers to the evaluation questions formed together with the information of publications and other scientific activities an entity that was to be reviewed as a whole.

The present evaluation recognizes and justifies the diversity of research practices and publication traditions. Traditional Research Assessment Exercises do not necessarily value high quality research with low volumes or research distinct from mainstream research. It is challenging to expose the diversity of research to fair comparison. To understand the essence of different research practices and to do justice to their diversity was one of the main challenges of the present evaluation method. Understanding the divergent starting points of the RCs demanded sensitivity from the evaluators.

1.2 Aims and objectives in the evaluation

The aims of the evaluation are as follows:

- to improve the level of research and doctoral training at the University of Helsinki and to raise their international profile in accordance with the University’s strategic policies. The improvement of doctoral training should be compared to the University’s policy.2
- to enhance the research conducted at the University by taking into account the diversity, originality, multidisciplinary nature, success and field-specificity,
- to recognize the conditions and prerequisites under which excellent, original and high-impact research is carried out,
- to offer the academic community the opportunity to receive topical and versatile international peer feedback,
- to better recognize the University’s research potential.
- to exploit the University’s TUHAT research information system to enable transparency of publishing activities and in the production of reliable, comparable data.

1.3 Evaluation method

The evaluation can be considered as an enhancement-led evaluation. Instead of ranking, the main aim is to provide useful information for the enhancement of research and doctoral training of the participating RCs. The comparison should take into account each field of science and acknowledge their special character.

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1 The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics or comparable analyses.

2 Policies on doctoral degrees and other postgraduate degrees at the University of Helsinki.
The comparison produced information about the present status and factors that have lead to success. Also challenges in the operations and outcomes were recognized.

The evaluation approach has been designed to recognize better the significance and specific nature of researcher communities and research areas in the multidisciplinary top-level university. Furthermore, one of the aims of the evaluation is to bring to light those evaluation aspects that differ from the prevalent ones. Thus the views of various fields of research can be described and research arising from various starting points understood better. The doctoral training is integrated into the evaluation as a natural component related to research. Operational processes of doctoral training are being examined in the evaluation.

Five stages of the evaluation method were:
1. Registration – Stage 1
2. Self-evaluation – Stage 2
3. TUHAT\(^3\) compilations on publications and other scientific activities\(^4\)
4. External evaluation
5. Public reporting

1.4 Implementation of the external evaluation

Five Evaluation Panels
Five evaluation panels consisted of independent, renowned and highly respected experts. The main domains of the panels are:
1. biological, agricultural and veterinary sciences
2. medicine, biomedicine and health sciences
3. natural sciences
4. humanities
5. social sciences

The University invited 10 renowned scientists to act as chairs or vice-chairs of the five panels based on the suggestions of faculties and independent institutes. Besides leading the work of the panel, an additional role of the chairs was to discuss with other panel chairs in order to adopt a broadly similar approach. The panel chairs and vice-chairs had a pre-meeting on 27 May 2011 in Amsterdam.

The panel compositions were nominated by the Rector of the University 27 April 2011. The participating RCs suggested the panel members. The total number of panel members was 50. The reason for a smaller number of panellists as compared to the previous evaluations was the character of the evaluation as a meta-evaluation. The panellists did not read research reports or abstracts but instead, they evaluated answers to the evaluation questions, tables and compilations of publications, other scientific activities, bibliometrics and comparable analyses.

The panel meetings were held in Helsinki:
- On 11–13 September 2011: (1) biological, agricultural and veterinary sciences, (2) medicine, biomedicine and health sciences and (3) natural sciences.
- On 18–20 September 2011: (4) humanities and (5) social sciences.

\(^3\) TUHAT (acronym) of Research Information System (RIS) of the University of Helsinki

\(^4\) Supervision of thesis, prizes and awards, editorial work and peer reviews, participation in committees, boards and networks and public appearances.
1.5 Evaluation material

The main material in the evaluation was the RCs’ self-evaluations that were qualitative in character and allowed the RCs to choose what was important to mention or emphasise and what was left unmentioned.

The present evaluation is exceptional at least in the Finnish context because it is based on both the evaluation documentation (self-evaluation questions, publications and other scientific activities) and the bibliometric reports. All documents were delivered to the panellists for examination.

Traditional bibliometrics can be reasonably done mainly in medicine, biosciences and natural sciences when using the Web of Science database, for example. Bibliometrics, provided by CWTS/The Centre for Science and Technology Studies, University of Leiden, cover only the publications that include WoS identification in the TUHAT-RIS.

Traditional bibliometrics are seldom relevant in humanities and social sciences because the international comparable databases do not store every type of high quality research publications, such as books and monographs and scientific journals in other languages than English. The Helsinki University Library has done analysis to the RCs, if their publications were not well represented in the Web of Science databases (RCs should have at least 50 publications and internal coverage of publications more than 40%) – it meant 58 RCs. The bibliometric material for the evaluation panels was available in June 2011. The RC-specific bibliometric reports are attached at the end of each report.

The panels were provided with the evaluation material and all other necessary background information, such as the basic information about the University of Helsinki and the Finnish higher education system.

Evaluation material

1. Registration documents of the RCs for the background information
2. Self evaluation material – answers to the evaluation questions
3. Publications and other scientific activities based on the TUHAT RIS:
   3.1. statistics of publications
   3.2. list of publications
   3.3. statistics of other scientific activities
   3.4. list of other scientific activities
4. Bibliometrics and comparable analyses:
   4.1. Analyses of publications based on the verification of TUHAT-RIS publications with the Web of Science publications (CWTS/University of Leiden)
   4.2. Publication statistics analysed by the Helsinki University Library - mainly for humanities and social sciences
5. University level survey on doctoral training (August 2011)
6. University level analysis on publications 2005–2010 (August 2011) provided by CWTS/University of Leiden

Background material

University of Helsinki
- Basic information about the University of the Helsinki
- The structure of doctoral training at the University of Helsinki
- Previous evaluations of research at the University of Helsinki – links to the reports: 1998 and 2005

The Finnish Universities/Research Institutes
- Finnish University system
- Evaluation of the Finnish National Innovation System
- The State and Quality of Scientific Research in Finland. Publication of the Academy of Finland 9/09.

The evaluation panels were provided also with other relevant material on request before the meetings in Helsinki.
1.6 Evaluation questions and material

The participating RCs answered the following evaluation questions which are presented according to the evaluation form. In addition, TUHAT RIS was used to provide the additional material as explained. For giving the feedback to the RCs, the panellists received the evaluation feedback form constructed in line with the evaluation questions:

1. **Focus and quality of the RC’s research**
   - Description of
     - the RC’s research focus.
     - the quality of the RC’s research (incl. key research questions and results)
     - the scientific significance of the RC’s research in the research field(s)
   - Identification of the ways to strengthen the focus and improve the quality of the RC’s research

   The additional material: TUHAT compilation of the RC’s publications, analysis of the RC’s publications data (provided by University of Leiden and the Helsinki University Library)
   A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness
   - Strengths
   - Areas of development
   - Other remarks
   - Recommendations

   Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

2. **Practices and quality of doctoral training**
   - Organising of the doctoral training in the RC. Description of the RC’s principles for:
     - recruitment and selection of doctoral candidates
     - supervision of doctoral candidates
     - collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes
     - good practices and quality assurance in doctoral training
   - Identification of the RC’s strengths and challenges related to the practices and quality of doctoral training, and the actions planned for their development.

   The additional material: TUHAT compilation of the RC’s other scientific activities/supervision of doctoral dissertations
   A written feedback from the aspects of: processes and good practices related to leadership and management
   - Strengths
   - Areas of development
   - Other remarks
   - Recommendations

   Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

3. **The societal impact of research and doctoral training**
   - Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).
   - Identification of the ways to strengthen the societal impact of the RC’s research and doctoral training.

   The additional material: TUHAT compilation of the RC’s other scientific activities.
   A written feedback from the aspects of: societal impact, national and international collaboration, innovativeness
   - Strengths
   - Areas of development
   - Other remarks
   - Recommendations

   Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)
4. International and national (incl. intersectoral) research collaboration and researcher mobility
   - Description of
     - the RC's research collaborations and joint doctoral training activities
     - how the RC has promoted researcher mobility
   - Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.
A written feedback from the aspects of: scientific quality, national and international collaboration
   - Strengths
   - Areas of development
   - Other remarks
   - Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

5. Operational conditions
   - Description of the operational conditions in the RC's research environment (e.g. research infrastructure, balance between research and teaching duties).
   - Identification of the RC's strengths and challenges related to operational conditions, and the actions planned for their development.
A written feedback from the aspects of: processes and good practices related to leadership and management
   - Strengths
   - Areas of development
   - Other remarks
   - Recommendations

6. Leadership and management in the researcher community
   - Description of
     - the execution and processes of leadership in the RC
     - how the management-related responsibilities and roles are distributed in the RC
     - how the leadership- and management-related processes support
       - high quality research
       - collaboration between principal investigators and other researchers in the RC
       - the RC's research focus
     - strengthening of the RC's know-how
   - Identification of the RC's strengths and challenges related to leadership and management, and the actions planned for developing the processes

7. External competitive funding of the RC
   - The RCs were asked to provide information of such external competitive funding, where:
     - the funding decisions have been made during 1.1.2005-31.12.2010, and
     - the administrator of the funding is/has been the University of Helsinki
   - On the e-form the RCs were asked to provide:
     1) The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation, EU, ERC, foundations, other national funding organisations, other international funding organisations), and
     2) The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005–31.12.2010.

Competitive funding reported in the text is also to be considered when evaluating this point.
A written feedback from the aspects of: scientific quality, scientific significance, societal impact, innovativeness, future significance
   - Strengths
   - Areas of development
   - Other remarks
   - Recommendations

8. The RC's strategic action plan for 2011–2013
   - RC's description of their future perspectives in relation to research and doctoral training.
A written feedback from the aspects of: scientific quality, scientific significance, societal impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance
   - Strengths
   - Areas of development
9. Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)

The RC's fitness to the chosen participation category
A written feedback evaluating the RC's fitness to the chosen participation category
- Strengths
- Areas of development
- Other remarks
- Recommendations

Numeric evaluation: OUTSTANDING (5), EXCELLENT (4), VERY GOOD (3), GOOD (2), SUFFICIENT (1)

10. Short description of how the RC members contributed the compilation of the stage 2 material
Comments on the compilation of evaluation material

11. How the UH's focus areas are presented in the RC's research?
Comments if applicable

12. RC-specific main recommendations based on the previous questions 1-11

13. RC-specific conclusions

1.7 Evaluation criteria

The panellists were expected to give evaluative and analytical feedback to each evaluation question according to their aspects in order to describe and justify the quality of the submitted material. In addition, the evaluation feedback was asked to be pointed out the level of the performance according to the following classifications:
- outstanding (5)
- excellent (4)
- very good (3)
- good (2)
- sufficient (1)

Evaluation according to the criteria was to be made with thorough consideration of the entire evaluation material of the RC in question. Finally, in questions 1-4 and 9, the panellists were expected to classify their written feedback into one of the provided levels (the levels included respective descriptions, ‘criteria’). Some panels used decimals in marks. The descriptive level was interpreted according to the integers and not rounding up the decimals by the editors.

Description of criteria levels

Question 1 – FOCUS AND QUALITY OF THE RC'S RESEARCH

Classification: Criteria (level of procedures and results)

Outstanding quality of procedures and results (5)
Outstandingly strong research, also from international perspective. Attracts great international interest with a wide impact, including publications in leading journals and/or monographs published by leading international publishing houses. The research has world leading qualities. The research focus, key research questions scientific significance, societal impact and innovativeness are of outstanding quality.

In cases where the research is of a national character and, in the judgement of the evaluators, should remain so, the concepts of “international attention” or “international impact” etc. in the grading criteria above may be replaced by “international comparability”.
Operations and procedures are of outstanding quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality.

**Excellent quality of procedures and results (4)**

Research of excellent quality. Typically published with great impact, also internationally. Without doubt, the research has a leading position in its field in Finland.

Operations and procedures are of excellent quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality.

**Very good quality of procedures and results (3)**

The research is of such very good quality that it attracts wide national and international attention.

Operations and procedures are of very good quality, transparent and shared in the community. The improvement of research and other efforts are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of very good quality.

**Good quality of procedures and results (2)**

Good research attracting mainly national attention but possessing international potential, extraordinarily high relevance may motivate good research.

Operations and procedures are of good quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of good quality.

**Sufficient quality of procedures and results (1)**

In some cases the research is insufficient and reports do not gain wide circulation or do not have national or international attention. Research activities should be revised.

Operations and procedures are of sufficient quality, shared occasionally in the community. The improvement of research and other efforts are occasionally documented and operations and practices are to some extent in alignment with the documentation. The ambition to develop the community together is of sufficient quality.

**Question 2 – DOCTORAL TRAINING**

**Question 3 – SOCIETAL IMPACT**

**Question 4 – COLLABORATION**

**Classification: Criteria (level of procedures and results)**

**Outstanding quality of procedures and results (5)**

Procedures are of outstanding quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are in alignment with the documentation. The ambition to develop the community together is of outstanding quality. The procedures and results are regularly evaluated and the feedback has an effect on the planning.

**Excellent quality of procedures and results (4)**

Procedures are of excellent quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and management are documented and operations and practices are to large extent in alignment with the documentation. The ambition to develop the community together is of excellent quality. The procedures and outcomes are evaluated and the feedback has an effect on the planning.

**Very good quality of procedures and results (3)**

Procedures are of very good quality, transparent and shared in the community. The practices and quality of doctoral training/societal impact/international and national collaboration/leadership and
management are documented and operations and practices are to large extent in alignment with the
documentation. The ambition to develop the community together is of very good quality.

**Good quality of procedures and results (2)**

Procedures are of good quality, shared occasionally in the community. The practices and quality of
doctoral training/societal impact/international and national collaboration/leadership and
management are documented and operations and practices are to large extent in alignment with the
documentation. The ambition to develop the community together is of good quality.

**Sufficient quality of procedures and results (1)**

Procedures are of sufficient quality, transparent and shared in the community. The practices and
quality of doctoral training/societal impact/international and national collaboration/leadership and
management are occasionally documented and operations and practices are to some extent in
alignment with the documentation. The ambition to develop the community together is of sufficient
quality.

**Question 9 – CATEGORY**

Participation category – fitness for the category chosen

The choice and justification for the chosen category below should be reflected in the RC's responses to the
evaluation questions 1–8.

1. The research of the participating community represents the international cutting edge in its field.
2. The research of the participating community is of high quality, but the community in its present
   composition has yet to achieve strong international recognition or a clear break-through.
3. The research of the participating community is distinct from mainstream research, and the special
   features of the research tradition in the field must be considered in the evaluation. The research is
   of high quality and has great significance and impact in its field. However, the generally used
   research evaluation methods do not necessarily shed sufficient light on the merits of the
   research.
4. The research of the participating community represents an innovative opening. A new opening can
   be an innovative combination of research fields, or it can be proven to have a special social,
   national or international demand or other significance. Even if the researcher community in its
   present composition has yet to obtain proof of international success, its members can produce
   convincing evidence of the high level of their previous research.
5. The research of the participating community has a highly significant societal impact. The
   participating researcher community is able to justify the high social significance of its research.
   The research may relate to national legislation, media visibility or participation in social debate,
   or other activities promoting social development and human welfare. In addition to having
   societal impact, the research must be of a high standard.

**An example of outstanding fitness for category choice (5)**

The RC’s representation and argumentation for the chosen category were convincing. The RC recognized
its real capacity and apparent outcomes in a wider context to the research communities. The specific
character of the RC was well-recognized and well stated in the responses. The RC fitted optimally for the
category.

- Outstanding (5)
- Excellent (4)
- Very good (3)
- Good (2)
- Sufficient (1)

The above-mentioned definition of outstanding was only an example in order to assist the panellists in
the positioning of the classification. There was no exact definition for the category fitness.

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5 The panels discussed the category fitness and made the final conclusions of the interpretation of it.
1.8 Timetable of the evaluation

The main timetable of the evaluation:

1. Registration   November 2010
3. External peer review    May–September 2011
4. Published reports   March–April 2012
   - University level public report
   - RC specific reports

The entire evaluation was implemented during the university’s strategy period 2010–2012. The preliminary results were available for the planning of the following strategy period in late autumn 2011. The evaluation reports will be published in March/April 2012. More detailed time schedule is published in the University report.

1.9 Evaluation feedback – consensus of the entire panel

The panellists evaluated all the RC-specific material before the meetings in Helsinki and mailed the draft reports to the evaluation office. The latest interim versions were on-line available to all the panellists on the Wiki-sites. In September 2011, in Helsinki the panels discussed the material, revised the first draft reports and decided the final numeric evaluation. After the meetings in Helsinki, the panels continued working and finalised the reports before the end of November 2011. The final RC-specific reports are the consensus of the entire panel.

The evaluation reports were written by the panels independently. During the editing process, the evaluation office requested some clarifications from the panels when necessary. The tone and style in the reports were not harmonized in the editing process. All the reports follow the original texts written by the panels as far as it was possible.

The original evaluation material of the RCs, provided for the panellists is attached at the end of the report. It is essential to notice that the exported lists of publications and other scientific activities depend how the data was stored in the TUHAT-RIS by the RCs.
2 Evaluation feedback

2.1 Focus and quality of the RC’s research

- **Description of**
  - the RC’s research focus
  - the quality of the RC’s research (incl. key research questions and results)
  - the scientific significance of the RC’s research in the research field(s)
- **Identification of the ways to strengthen the focus and improve the quality of the RC’s research**

**ASPECTS:** Scientific quality, scientific significance, societal impact, innovativeness

EAT conducts high quality research in a wide range of areas of economics. The senior members have widely varying research interests. This is reflected in the list of publications. It is long, even impressive, and contains publications in good field journals. But then, a large number of papers have been published in less important journals. In 2005–2010 members of EAT have published two papers in the top-5 economics journals (American Economic Review, Econometrica, Journal of Political Economy, Quarterly Journal of Economics, International Economic Review).

The research effort can be strengthened by focusing on a smaller number of areas or, at least, by giving certain areas priority, by which EAT could profile itself in international competition. Furthermore, the members of the RC may consider raising their level of ambition a notch. Instead of producing a large number of papers and publishing them quickly, they might want to invest more time in each research problem and aim at publishing the results in high-quality journals. This would have a positive effect on the scientific impact of the research conducted at EAT.

The book on the Finnish economic crisis and its aftermath, Honkapohja et al. (2009), deserves a special mention as an excellent example of a ‘public service’ publication (published by MIT Press). A serious analysis of the crisis and how it was handled is very useful for both policymakers and economists in general.

Concentrating economists from three universities and the Government Institute for Economic Research (VATT) into the same building and forming a larger community (HECER) has proved successful in creating a critical mass of scholars and combining the efforts into a common doctoral programme. Nevertheless, EAT should in its strategic planning reflect upon its priorities such that they respond to changes in the economic environment, both global and national.

**Numeric evaluation:** 4 (Excellent)

2.2 Practises and quality of doctoral training

- **Organising of the doctoral training in the RC. Description of the RC’s principles for:**
  - recruitment and selection of doctoral candidates
  - supervision of doctoral candidates
  - collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes
  - good practises and quality assurance in doctoral training
  - assuring of good career perspectives for the doctoral candidates/fresh doctorates
- **Identification of the RC’s strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.**
- **Additional material:** TUHAT compilation of the RC’s other scientific activities/supervision of doctoral dissertations

**ASPECTS:** Processes and good practices related to leadership and management
The doctoral studies are very well organized in the framework of the Finnish Doctoral Programme in Economics (FDPE). Every graduate student has a personal supervisor. FDPE is a well structured North American style programme in which the first two years are spent on coursework and the remaining time on writing the PhD thesis. Participation in FDPE automatically means collaboration with Finnish economics departments. FDPE regularly invites top international economists to give courses within the programme, which has contributed to making this PhD programme one of the best in Europe.

Partly due to the strict selection at the recruitment stage, placing students in the market after graduation has been easy. According to the report, no HECER (and thus EAT-supervised) student has failed to get a job after graduation.

The recommendation is to maintain the high quality of the doctoral program and keep it attractive to top students at home and abroad. Doctoral training could be further improved by encouraging PhD students to publish at an early stage in refereed journals and by employing them as co-authors for articles initiated by experienced scholars. A course in English scientific writing could be added to the list of mandatory doctoral courses.

**Numeric evaluation: 5 (Outstanding)**

### 2.3 The societal impact of research and doctoral training

- **Description on how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).**
- **Identification of the ways to strengthen the societal impact of the RC's research and doctoral training.**
- **Additional material: TUHAT compilation of the RC's other scientific activities.**

**ASPECTS: Societal impact, national and international collaboration, innovativeness**

One of the strengths of EAT is that it has experts in many areas of economics. Their expertise has been used in committees by the Finnish Parliament, the Ministry of Finance, etc. Members of EAT have actively participated in public debates on economic issues. Popularisation of research results has received attention.

The book Honkapohja et al. (2009) can be mentioned once more as a good example of how EAT has contributed to society by a serious analysis of the Finnish economic crisis of the early 1990s. However, as compared with economists who work at private economic institutes (ETLA, PT, VATT, banks) or in close contact with management and business sciences (Aalto University School of Economics, Hanken), EAT's contributions to the public economic debate in Finland have been less impressive.

The recommendation is to maintain the current level of societal expert activities. The capacity limit has been reached, and further increases in committee work would already be likely to endanger the research efforts of the RC. Nevertheless, more active participation in actual public debates on topical economic issues would be welcome.

**Numeric evaluation: 4 (Excellent)**

### 2.4 International and national (incl. intersectoral) research collaboration and researcher mobility

- **Description of**
  - the RC's research collaborations and joint doctoral training activities
  - how the RC has promoted researcher mobility
- **Identification of the RC's strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.**

**ASPECTS: Scientific quality, national and international collaboration**
Collaboration within FDPE has already been mentioned. HECER fosters collaboration in the Helsinki area. Graduate students have been placed to first-rate universities and research institutes. This has been possible by good international contacts of EAT members.

International collaboration on the individual level has been vivid. Many EAT members have done joint research and published papers with international colleagues.

A general recommendation concerning not so much EAT but FDPE as a whole is to investigate possibilities of collaborating with the PhD programmes in Stockholm (Stockholm University and Stockholm School of Economics) and Uppsala. EAT students would profit from this as well.

A systematic plan to increase international exchange of doctoral students could help to cover research areas not enjoying the first priority in Finland.

**Numeric evaluation: 5 (Outstanding)**

### 2.5 Operational conditions

- **Description of the operational conditions in the RC’s research environment** (e.g., research infrastructure, balance between research and teaching duties).
- **Identification of the RC’s strengths and challenges related to operational conditions, and the actions planned for their development.**

**ASPECTS: Processes and good practices related to leadership and management**

The obvious strength is that EAT operates within HECER that joins all economics departments in Helsinki. This makes it possible to coordinate activities such as visitors, seminars, and advance co-operation between the researchers in this organization.

The EAT report points out that administration requires more and more resources. It is up to the University to stem this development and make sure that adequate time is available for research and teaching.

### 2.6 Leadership and management in the researcher community

- **Description of**
  - the execution and processes of leadership in the RC
  - how the management-related responsibilities and roles are distributed in the RC
  - how the leadership- and management-related processes support
    - high quality research
    - collaboration between principal investigators and other researchers in the RC
    - the RC’s research focus
    - strengthening of the RC’s know-how
  - Identification of the RC’s strengths and challenges related to leadership and management, and the actions planned for developing the processes

**ASPECTS: Processes and good practices related to leadership and management**

EAT as such is a heterogeneous group with a large amount of individual research projects. The general administrative functions are taken care of by HECER. Project leaders administer their own projects. Since the projects are rather small, no extra administrative personnel is needed. This arrangement appears satisfactory.
2.7 External competitive funding of the RC

- The RCs were asked to provide information of such external competitive funding, where:
  - the funding decisions have been made during 1.1.2005–31.12.2010, and
  - the administrator of the funding is/has been the University of Helsinki

- On the e-form the RCs were asked to provide:
  1) The relevant funding source(s) from a given list (Academy of Finland/Research Council, TEKES/The Finnish Funding Agency for Technology and Innovation, EU, ERC, foundations, other national funding organisations, other international funding organizations), and
  2) The total sum of funding which the organisation in question had decided to allocate to the RCs members during 1.1.2005–31.12.2010.

Competitive funding reported in the text is also to be considered when evaluating this point.

ASPECTS: Scientific quality, scientific significance, societal impact, innovativeness and future significance

Academy of Finland and TEKES have both funded research within EAT during 2005-2010. Funding has also been obtained from private foundations. The Yrjö Jahnsson Foundation has traditionally supported economic research and has been a source of funds for EAT as well.

Efforts could be made to obtain EU funding. This, however, would require bigger projects with international collaborators from several countries. In theory construction such very large project groups are seldom fruitful. Therefore, funding by the Academy of Finland or foundations may be more suitable for theoretically oriented economic research than EU funding. EAT should also try and finance visiting foreign scholars with the help of the Helsinki Collegium for Advanced Studies at UH.

2.8 The RC’s strategic action plan for 2011–2013

- RC’s description of their future perspectives in relation to research and doctoral training.

ASPECTS: Scientific quality, scientific significance, societal impact, processes and good practices related to leadership and management, national and international collaboration, innovativeness, future significance

Doctoral students will be trained within FDEP as before. Other activities include the new HECER Master’s Programme with international ambitions.

The possibility of obtaining EU research money through HECER can be mentioned here. Nevertheless, HECER is still a small player, and international co-operation (with HECER as a partner) should be sought for the purpose of getting this kind of funding.

As in the case of several other RC’s under evaluation, EAT has not stated any specific goals as to the focus and priorities of research, the number and quality of refereed articles, or the number of doctoral dissertations in the planning period. It also remains unclear how EAT plans to distinguish itself from its competitors. The individual projects are founded and function independently, which is a good thing, but some kind of a common strategy could help EAT researchers to strengthen their commitment to the RC.

2.9 Evaluation of the category of the RC in the context of entity of the evaluation material (1-8)

The RC’s fitness to the chosen participation category.

Category 2. The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.

Category 2 fits very well, the research is of high quality. In some selected areas there are good possibilities to even reach the cutting edge in the future. As to the doctoral training, Category 1 is already justified.

Numeric evaluation: 5 (Outstanding)
2.10 Short description of how the RC members contributed the compilation of the stage 2 material

—

2.11 How the UH’s focus areas are presented in the RC’s research

*Focus area was not selected.*
The research of EAT is not directly related to the UH focus areas, although all UH focus areas would benefit of economic analyses related to the problem fields in question.

2.12 RC-specific main recommendations

*To sum up*
The diversity and high international quality of research within EAT is a strength. The diversity can also be viewed as a weakness, because the many individual projects may not be enough for achieving a breakthrough of the kind mentioned in the definition of Category 2.

Focusing the research on a more restricted set of areas and stating research priorities may be necessary if the quality of the research is going to be further improved. The new tenure track hires of the economics department should be selected in view of strengthening the already strongest research areas of EAT.

Innovativeness could be improved with the help of exchange programmes and broader interaction with scholars outside the core discipline.

EAT could also improve its strategic planning and discussion in order to identify common interests. Approximate numeric goals concerning publications and doctoral dissertations would give doctoral students information about what is expected from them.

2.13 RC-specific conclusions

This is a very good centre that can be further improved by successful recruitments.

In PhD training EAT is profiting from the excellent FDPE.
3 Appendices

A. Original evaluation material
   a. Registration material – Stage 1
   b. Answers to evaluation questions – Stage 2
   c. List of publications
   d. List of other scientific activities

B. Bibliometric analyses
   a. Analysis provided by CWTS/University of Leiden
   b. Analysis provided by Helsinki University Library (66 RCs)
International evaluation of research and doctoral training at the University of Helsinki 2005-2010

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW

NAME OF THE RESEARCHER COMMUNITY:
Economic applications and theory (EAT)

LEADER OF THE RESEARCHER COMMUNITY:
Professor Klaus Kultti, Department of Economics and Political Studies; HECER

RC-SPECIFIC MATERIAL FOR THE PEER REVIEW:

- Material submitted by the RC at stages 1 and 2 of the evaluation
  - STAGE 1 material: RC’s registration form (incl. list of RC participants in an excel table)
  - STAGE 2 material: RC’s answers to evaluation questions
- TUHAT compilations of the RC members’ other scientific activities 1.1.2005-31.12.2010
- Analysis of publications data carried out by both CWTS and UH Library - results of UH Library analysis will be available by the end of June 2011

NB! Since Web of Science (WoS)-based bibliometrics does not provide representative results for most RCs representing humanities, social sciences and computer sciences, the publications of these RCs will be analyzed by the UH Library (results available by the end of June, 2011)
INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 1 MATERIAL (registration form)

1 RESPONSIBLE PERSON

Name: Kultti, Klaus
E-mail: 
Phone: 19128738
Affiliation: Department of Economics and Political Studies; HECER
Street address: Arkadiankatu 7

2 DESCRIPTION OF THE PARTICIPATING RESEARCHER COMMUNITY (RC)

Name of the participating RC (max. 30 characters): Economic applications and theory
Acronym for the participating RC (max. 10 characters): EAT

Description of the operational basis in 2005-2010 (eg. research collaboration, joint doctoral training activities) on which the RC was formed (MAX. 2200 characters with spaces): EAT consists of researchers whose interest lies in applications of theory; empirical research is in a minor role. The themes vary from typical macroeconomic topics like employment and growth to public economics and game theory. The common feature is that modelling relies on solid microeconomic basis. Each of the senior members has been supervising doctorate students, and most of the time the responsibility has been shared amongst the members as well as within HECER. EAT has been successful as to external funding which has been acquired from the Academy of Finland, the funds of the University of Helsinki and from independent foundations. The senior members have organised, and participated actively in international scientific enterprises, for instance through CESifo. EAT conducts most of its scientific activities like seminars, visiting programmes and doctoral supervision through HECER jointly with the economics departments of Hanken school of economics and Aalto university.

3 SCIENTIFIC FIELDS OF THE RC

Main scientific field of the RC’s research: social sciences
RC’s scientific subfield 1: Economics
RC’s scientific subfield 2: --Select--
RC’s scientific subfield 3: --Select--
RC’s scientific subfield 4: --Select--
Other, if not in the list: 

4 RC’S PARTICIPATION CATEGORY

Participation category: 2. Research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through
INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 1 MATERIAL (registration form)

Justification for the selected participation category (MAX. 2200 characters with spaces): Th RC has an ambitious research agenda that contributes to economics in many of its frontiers. The research of the RC is of high international standard and the RC has an established position in the research community. However, there is no single dimension which would qualify as an international break-through.

Descripion of the RC's research and doctoral training (MAX. 2200 characters with spaces)

The RC hosts research in theoretical and applied economics. The aim of the RC is high quality research that participates in academic debate in the international arena. Common methodological underpinnings tie the various research branches of the RC tightly together. Extensive research cooperation takes place among the members of the RC.

The RC contains members in all career stages. During the evaluation period, 7 members of the RC have graduated from the doctoral programme.

Doctoral training with the RC is organized through the Finnish Doctoral Programme in Economics (FDPE), hosted by HECER. FDPE is an ambitious undertaking and competes among the best European doctoral programmes in economics. The RC plays a key role in the FDPE by providing teaching resources and research supervision.

The major aim of the doctoral programme is to produce PhDs that are able to produce high quality research, and that are competitive in the international arena. FDPE is structured with this goal in mind. Means to achieve the goal are an ambitious study programme and a sophisticated feedback mechanism both from the students to the organization, and from senior scholars to the doctoral candidates. A large part of the courses are taught by renown international researchers.

Significance of the RC's research and doctoral training for the University of Helsinki (MAX. 2200 characters with spaces): Economics is a core social science with a well established research methodology and culture. The combination of sophisticated theoretical structure and advanced empirical techniques makes economics an attractive research arena for analytically oriented social scientists.

This is reflected by the high and ambitious research agenda of the RC. For example, the RC is the largest contributor of international refereed publications as well as of PhD degrees in the Faculty of Social Sciences during the evaluation period.

Significance of high quality economics research has increased because of external reasons. The changing world economic and financial structure affects the demand for experts in economics. More academic economists are employed both in private and public sectors and, e.g., in international organizations.
Meeting the increased demand for qualified economists and for high quality economic research is clearly of paramount importance for any research university.

Traditionally, the University of Helsinki has played a leading role in the Finnish academic economics, both in terms of research and education. After establishment of HECER - a joint venture of the economics departments University of Helsinki, Aalto University, and Hanken School of Economics - its role has become even more accentuated. It is fair to say that economics at the University of Helsinki is a portrait of economics in Finland.

An important academic success criterion is how young PhDs become employed. PhDs that have graduated from the RC during the evaluation period have placed well. About one half of them have stayed in the academia while the others have been occupied by institutions such as the Bank of Finland, Ministry of Finance, or Statistics Finland. Some of have been recruited to distinguished foreing universities and by private enterprises.

Keywords: Applied economic theory, public economics, labour economics, applied industrial organisation.

### 6 QUALITY OF RC’S RESEARCH AND DOCTORAL TRAINING

Justified estimate of the quality of the RC’s research and doctoral training at national and international level during 2005-2010 (MAX. 2200 characters with spaces): Research with RC has been of high quality.

The natural quality standards for the RC are the ones typically applied to good international departments: the extent and quality of publishing, number of PhDs and their placement, raised research funding, international cooperation, and the influence on policy work.

A clear publishing target is established refereed journals. From this perspective, the RC has performed well. During the examination period, the members of the RC have produced a substantial number of publications in international refereed journals, including the prestigious American Economic Review, Journal of Economic Theory, RAND Journal of Economics, Journal of Public Economics, and Journal of Labour Economics.

The RC has produced 7 PhDs during the examination period which more than any other department of economics in Finland. The quality of the produced post docs is good as many of them strive for a successful career in academia.

Members of the RC have been awarded funding from various external sources such as the Academy Finland, Tekes, and private foundations.
INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 1 MATERIAL (registration form)

International research cooperation among the members has been extensive. Research visits have been conducted at all levels of the personnel. Professors and post docs have collaborated internationally and presented their works in international seminars and conferences. Doctoral candidates typically spend an extended period, e.g. a year, in a good international university. Visited places include the top universities in the US and Europe.

Members of the RC actively participate in the policy debate. Public service is provided in various expert roles with the Parliament of Finland, Ministry of Finance, and the Bank of Finland.

Comments on how the RC’s scientific productivity and doctoral training should be evaluated (MAX. 2200 characters with spaces): The key criterion should be the extent and quality of internationally recognised research output. Other criteria should include doctoral training, editorial activities, organisation of conferences as well as participating in them, peer review, expert statements and evaluations of research plans and applications. Employment record of doctoral students should be given high standing. Presentations, talks and writings directed to the general should be in a minor role, but presentations, statements and events directed to the Parliament or ministries should be noted as an acknowledgment of expertise.
LIST OF RC MEMBERS

<table>
<thead>
<tr>
<th>Last name</th>
<th>First name</th>
<th>PI-status (TUHAT, 29.11.2010)</th>
<th>Title of research and teaching personnel</th>
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<td>Honkapohja</td>
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<td>Kanninen</td>
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<td>Eerola</td>
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<td>Department of Political and Economic Studies</td>
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INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 2 MATERIAL

<table>
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<th>BACKGROUND INFORMATION</th>
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<tr>
<td>Name of the RC's responsible person: Klaus Kultti</td>
</tr>
<tr>
<td>E-mail of the RC's responsible person:</td>
</tr>
<tr>
<td>Name and acronym of the participating RC: Economic Applications of Theory, EAT</td>
</tr>
<tr>
<td>The RC's research represents the following key focus area of UH: -- Select --</td>
</tr>
<tr>
<td>Comments for selecting/not selecting the key focus area:</td>
</tr>
</tbody>
</table>

1 FOCUS AND QUALITY OF RC'S RESEARCH (MAX. 8800 CHARACTERS WITH SPACES)

- Description of the RC's research focus, the quality of the RC's research (incl. key research questions and results) and the scientific significance of the RC's research for the research field(s).
  The RC hosts research in theoretical and applied economics. The aim of the RC is high quality research that participates in academic debate in the international arena. The research in the RC spans from labor and public economics to industrial organization and macroeconomics. A common base of all the research activity in the RC is in microeconomic theory and in modern econometric techniques. These underpinnings tie distinct subject areas tightly together and permit collaboration and discourse across them. Extensive research cooperation takes place among the members of the RC.

- The quality of the RC's research is high, and it is demonstrated by the strong publication record of the members of the RC. A major part of the recent research at the RC concerns microeconomic theory, macroeconomic dynamics, and public economics.

Klaus Kultti is the key character of the RC in the area of microeconomic theory. During the evaluation period, his research has focused on bargaining theory, matching markets, and intellectual property rights. In bargaining theory, for example, he has demonstrated in a sequence of papers that the standard non-cooperative bargaining procedure implements the Nash-bargaining solutions under remarkably general conditions. He has studied the tradeoff between secrecy and patenting in environment with simultaneous patenting. Kultti's results have been published in leading journals such as Journal of Economics Theory, RAND Journal of Economics, and International Economic Review.

Seppo Honkapohja's groundbreaking research has penetrated into the roles of learning and expectations in macroeconomic dynamics. This research, which has established methods to evaluate which macroeconomic equilibria are sensitive to belief perturbations, has become a cornerstone of recent monetary policy modeling. During the evaluation period, Honkapohja's results have been published in journals such as Review of Economic Dynamics, Journal of Economic Dynamics and Control and Macroeconomic Dynamics. Together with Erkki Koskela, he also authored a well known book on the Finnish economic crises in the 1990's, published by the MIT Press.

Erkki Koskela, who became Academy Professor during the evaluation period, has contributed several branches of economics ranging from labor economics to banking and forest economics. Especially in the field of forest economics, where he has studied the optimal dynamic harvesting policy, his impact has been important. For example, he has written a widely used graduate text Economics of Forest Resources, published by the MIT Press. Most recently Koskela has contributed to the emerging literature on outsourcing.
Panu Poutvaara’s has published on wide range of themes related to public economics. He has evaluated, for example, the influence of the recent school shootings on the student behavior, the police intelligence and hooliganism, the significance of beauty on politicians’ success. Poutvaara’s research has been published in major field journals such as Journal of Public Economics, Public Choice, and Journal of Public Economic Theory.

- Ways to strengthen the focus and improve the quality of the RC’s research.
  The best way to improve the RC’s research potential is to guarantee a sufficient mass of capable people with a high quality training and interest towards serious economic research. This should be done by selectively and ambitiously recruiting new personnel. Tenure track programs that are directed to international post doc markets are a key instrument in this process.

Another important way to enhance the research of the RC is to promote cooperation between the RC and the other economics departments in Helsinki. In particular, together with some members of HECER and the economics department of the Aalto University, the RC is capable of forming a research group in applied microeconomics that is comparable to leading international departments.

2 Practises and Quality of Doctoral Training (max. 8800 characters with spaces)

- How is doctoral training organised in the RC? Description of the RC’s principles for recruitment and selection of doctoral candidates, supervision of doctoral candidates, collaboration with faculties, departments/institutes, and potential graduate schools/doctoral programmes, good practises and quality assurance in doctoral training, and assuring good career perspectives for the doctoral candidates/fresh doctorates.
  Doctoral training is conducted via a national doctorate programme FDPE. Most of the activities of the programme take place in HECER. FDPE emulates practices of the best international doctoral programmes. The basic courses are given by researchers from Finland, mainly HECER, and the advanced field courses are given by internationally acknowledged experts.

The doctoral candidates have to have studies in economics with grade GOOD or better to be accepted to the programme. The acceptance is restricted by the number of the faculty and their areas of expertise. In the last two years more and more emphasis has been given to co-ordinated common recruitment via HECER. This channel of recruitment attracts also international students, and if recruited via this channel the students are guaranteed financing for four years.

In 2007 the RC launched a new HECER PhD programme that is aimed to qualified international students. To make the programme attractive, 4 year provisional funding is provided for those accepted. The current intake to the HECER PhD programme is 4-5 per year but the aim is to increase this number to 12 in the coming three years. Course work with the HECER PhD programme is conducted with FDPE.

The students are given an initial supervisor whom they can contact in any matters during the first year. After the students have decided on the topic of their dissertation they are reallocated to a supervisor whose expertise matches the student’s topic. On top of the personal supervision the candidates are expected to present their work at least twice a year in the FDPE seminars that are organised around four different areas twice a year.
Collaboration is very intense with the participants of HECER. Supervision takes place over the department borders without explicit contracts.

Quality and good practices are strived at by common seminars and common criteria in HECER about participation and presentation in seminars and courses. There is a sophisticated feedback mechanism both from the students to the organization, and from senior scholars to the doctoral candidates. Final year students are presented to the job market in the same way as in other good places around the world. Not a single doctorate from our department or HECER has failed to find a job. Lately we have been able to place our fresh doctorates in prestigious schools around the world (London School of Economics, McMaster University).

- **RC’s strengths and challenges related to the practises and quality of doctoral training, and the actions planned for their development.**

  Our strength is that we continuously and consistently strive at adopting the best new PhD education practices from all over the world. In our opinion, we are comparable to best European programmes in terms of the quality of classes and the structure of the programme. The greatest challenge is securing good candidates not only from Finland, but also internationally. The common HECER doctorate programme, started two years ago, is one mechanism to overcome the challenge.

- **Description of how the RC interacts with and contributes to the society (collaboration with public, private and/or 3rd sector).**

  The members of the RC have acted as experts in several committees that have focused on socially important design issues including taxation, retirement and pension systems. The expertise has been used by the Parliament of Finland, Ministry of Finance, and the Bank of Finland.

  Displaying the prominent role of the RC in the public policy debate, one of the member of the RC, Seppo Honkapohja, was nominated as a Member of the Board of the Bank of Finland during the evaluation period. The members of the RC have also served as members of the Economic Council of the Finnish Ministry of Finance and the Scientific Council of Statistics Finland.

  The members of the RC have in collaboration with the Yrjö Jahnsson Foundation organized for five years summer courses in topical issues, and last year joint with the Parliament a seminar which focused on issues pertaining to alcohol, in particular alcohol taxation.

- **Ways to strengthen the societal impact of the RC’s research and doctoral training.**

  As part of HECER we have designed a common policy about making public, in understandable language, the results of the research. Especially new doctors have been provided opportunities to disseminate information on their results in ordinary media.

  Overall we think that the involvement of the RC in public matters as experts or by participating in policy debate is presently about on the correct level.
INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 2 MATERIAL

- **Description of the RC’s research collaborations and joint doctoral training activities and how the RC has promoted researcher mobility.**

  The RC’s most intense collaboration is with the other economics departments, i.e. those of Aalto University School of Economics and Hanken School of Economics, that belong to HECER. The doctoral programme FDPE is national in all the universities in Finland participate in it. One of the RC members is the current director of HECER and FDPE, and the previous director is also an RC member.

  The members of the RC have international collaborators (Rice University, Virginia Tech., University of Munich, University of Oslo, University of Oregon) which are based on personal relations. Institutional collaboration has been established with for example with CES-Ifo and University of Kyoto. These manifest in visits or seminars.

  Research mobility is most obvious with doctorate students. All of them are strongly expected to spend at least one year in a good foreign doctorate programme. We have been able to place our students on case by case basis to top international universities including Berkeley, Yale, Harvard, Chicago etc. as well as in UCL and London School of Economics. We have a continuing agreement to send students the University of Bonn for an extended stay. A similar arrangement is being launched with the Stockholm School of Economics.

- **RC’s strengths and challenges related to research collaboration and researcher mobility, and the actions planned for their development.**

  Our view is that the best way to increase research collaboration internationally is to be able to recruit from international markets. The measures taken to this direction are mentioned in the next point.

**OPERATIONAL CONDITIONS (max. 4400 characters with spaces)**

- **Description of the operational conditions in the RC’s research environment (e.g. research infrastructure, balance between research and teaching duties).**

  The RC is located at the largest center of economic research in Finland. The research community contains the economic departments of the three universities in Helsinki as well as the Government Institute of Economic Research. This guarantees a lively research environment with many weekly seminars and active collaboration. Teaching loads are not massive. However, administration demands more and more resources.

- **RC’s strengths and challenges related to operational conditions, and the actions planned for their development.**

  Our main challenge is the small size of the teaching faculty, especially that of the senior faculty, that limits the alternatives available for larger departments. The biggest challenge, and a near future aim, is to recruit internationally on a regular basis. The recruitments are conducted as a joint effort with the other economics departments in HECER. The mechanism to achieve this is more intensive collaboration in both teaching and research with the other participants in HECER. We have also been the first in the faculty of Social Sciences to open up a tenure-track position. Future recruitments are mainly done via tenure-track arrangements.
6 LEADERSHIP AND MANAGEMENT IN THE RESEARCHER COMMUNITY (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the execution and processes of leadership in the RC, how the management-related responsibilities and roles are distributed in the RC and how the leadership- and management-related processes support high quality research, collaboration between principal investigators and other researchers in the RC, the RC’s research focus and strengthening of the RC’s know-how.

The director of HECER takes care of the co-ordinating activities that pertain to the HECER participants including the RC. The RC, as such, does not have a formal leader; the RC is based on a common research base and ideology.

Within the RC there are many projects financed by private foundations and the Academy of Finland. Each of the project leaders is responsible for his/her project, and co-ordinates its needs with the department. The department is responsible for providing the research environment to the projects.

- RC’s strengths and challenges related to leadership and management, and the actions planned for developing the processes.

The leadership issue is somewhat problematic as the RC belongs both the Faculty of Social Sciences and HECER which is a joint venture of three universities. Furthermore, economics is not an independent department at the Faculty and hence it cannot be administrated independently of the other, rather unrelated disciplines.

This means that, for instance, leaders who could focus on finding financial opportunities are not feasible. On the positive side our projects are very small compared, for instance, with natural sciences, and do not require such management. Larger projects will most probably be applied to within HECER, and then the management available there will be used.

7 EXTERNAL COMPETITIVE FUNDING OF THE RC

- Listing of the RCs external competitive funding, where:
  - the funding decisions have been made during 1.1.2005-31.12.2010, and
  - the administrator of the funding is/has been the University of Helsinki

- Academy of Finland (AF) - total amount of funding (in euros) AF has decided to allocate to the RC members during 1.1.2005-31.12.2010: 2010000

- Finnish Funding Agency for Technology and Innovation (TEKES) - total amount of funding (in euros) TEKES has decided to allocate to the RC members during 1.1.2005-31.12.2010: 580000

- European Union (EU) - total amount of funding (in euros) EU has decided to allocate to the RC members during 1.1.2005-31.12.2010:

- European Research Council (ERC) - total amount of funding (in euros) ERC has decided to allocate to the RC members during 1.1.2005-31.12.2010:
INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC STAGE 2 MATERIAL

- International and national foundations - names of international and national foundations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
  - names of the foundations: NORFACE
  - total amount of funding (in euros) from the above-mentioned foundations: 130000

- Other international funding - names of other international funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
  - names of the funding organizations:
  - total amount of funding (in euros) from the above-mentioned funding organizations:

- Other national funding (incl. EVO funding and Ministry of Education and Culture funded doctoral programme positions) - names of other national funding organizations which have decided to allocate funding to the RC members during 1.1.2005-31.12.2010, and the amount of their funding (in euros).
  - names of the funding organizations: Kone Foundation, Foundations of the University of Helsinki, Yrjö Jahnsson Foundation
  - total amount of funding (in euros) from the above-mentioned funding organizations: 630000

RC’S STRATEGIC ACTION PLAN FOR 2011–2013 (MAX. 4400 CHARACTERS WITH SPACES)

- Description of the RC’s future perspectives in respect to research and doctoral training.
  The RC conducts all of its activities pertaining to doctoral training with the national programme FDPE and HECER. The latter has established a doctorate programme whose purpose is to attract students internationally and to provide funding. We intend to extend this programme. We have also launched a HECER Master’s Programme whose purpose is to attract student internationally and from other disciplines. In this way we try to secure a pool of students from which we get a constant supply of good doctoral candidates.

  By just having started filling new positions by the tenure-track system we focus on certain key areas which should strengthen our research basis. The most obvious next step is to combine resources with other HECER participants and to start applying finance for large EU-projects.

SHORT DESCRIPTION OF HOW THE RC MEMBERS HAVE CONTRIBUTED TO THE COMPILATION OF THE STAGE 2 MATERIALS (MAX. 1100 CHARACTERS WITH SPACES).

Everyone has updated his/her TUHAT information and this report was compiled by the PI of the RC, Klaus Kultti, and the director of HECER, Hannu Vartiainen.
# Analysis of publications


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2 Listing of publications

A1 Refereed journal article

2005

2006


Toivanen, O 2006, 'Tohtorin tekijät kansantaloustieteessä', *Kansantaloudellinen Aikakauskirja*, vol 102, no. 1, pp. 111-120.

2007


2009


2010
Kanninen, V, Pääkkönen, J 2010, 'Do the catholic and protestant countries differ by their tax morale?', Empirica, vol 37, no. 3, pp. 271-290.

A2 Review in scientific journal

2006
A3 Contribution to book/other compilations (refereed)

2005


2006


2007


2008

2009


EAT/Kultti


2010


B3 Unrefered article in conference proceedings

2010


C1 Published scientific monograph

2005


Bask, M, Solander, C 2005. Heterogeneous beliefs in a sticky-price foreign exchange model. Discussion papers / Helsinki Center of Economic Research, no. No. 48, Helsinki Center of Economic Research (HECER), [Helsinki].

Bask, M 2005. Chartism and exchange rate volatility. Discussion papers / Helsinki Center of Economic Research, no. No. 71, Helsinki Center of Economic Research (HECER), [Helsinki].


EAT/Kulttii


Koskela, E., Ollikainen, M., Pakkula, T. 2005. Biodiversity policies in commercial boreal forests: optimal design of subsidy and tax combination. Discussion papers / Helsinki Center of Economic Research, no. No 41, Helsinki Center of Economic Research (HECER), [Helsinki].

Koskela, E., Stenbacka, R. 2005. Product market competition, profit sharing and equilibrium unemployment. CESifo working papers, no. no. 1603, CESifo, Munich.


Koskela, E., Stenbacka, R. 2005. Flexible and committed profit sharing with wage bargaining. Discussion papers / Helsinki Center of Economic Research, no. No. 60, Helsinki Center of Economic Research (HECER), [Helsinki].


Köhnerberger, M., Poutvaara, P., Profeta, P. 2005. Why are more redistributive social security systems smaller?: a median voter approach. IZA discussion paper series, no. no. 1311, IZA, Bonn.


EAT/Kultti


Poutvaara, P, Takalo, T 2005. Candidate quality. Discussion papers / Helsinki Center of Economic Research, no. No. 74, Helsinki Center of Economic Research (HECER), [Helsinki].

Poutvaara, P, Wagener, A 2005. Why is the public sector more labor-intensive?: a distortionary tax argument. Discussion papers / Helsinki Center of Economic Research, no. No. 73, Helsinki Center of Economic Research (HECER), [Helsinki].

Poutvaara, P 2005. On the political economy of social security and public education. Discussion papers / Helsinki Center of Economic Research, no. No. 72, Helsinki Center of Economic Research (HECER), [Helsinki].


Poutvaara, P 2005. Public education in an integrated Europe: studying to migrate and teaching to stay. Discussion papers / Helsinki Center of Economic Research, no. No. 82, Helsinki Center of Economic Research (HECER), [Helsinki].


2006

Bask, M 2006. Should one augment the Taylor rule with an exchange rate term. Discussion papers / Helsinki Center of Economic Research, no. No. 135, Helsinki Center of Economic Research (HECER), Helsinki.


EAT/Kultti


Kienast, I 2006. Modeling commercial piracy of information goods, Discussion papers / Helsinki Center of Economic Research, no. No 130, Helsinki Center of Economic Research (HECER), Helsinki.


Koskelainen, E, Puhakka, M 2006. Stability and dynamics in an overlapping generations economy under flexible wage negotiation and capital accumulation, Discussion papers / Helsinki Center of Economic Research, no. No 127, Helsinki Center of Economic Research (HECER), Helsinki.


Koskelainen, E, Puhakka, M 2006. Stability and dynamics in an overlapping generations economy under flexible wage negotiation and capital accumulation, CESifo working paper, no. no. 1840, CESifo, Munich.


Koskelainen, E, Stenbacka, R 2006. Equilibrium unemployment with outsourcing under labour market imperfections, Discussion papers / Helsinki Center of Economic Research, no. No 141, Helsinki Center of Economic Research (HECER), Helsinki.


Koskelainen, E, Puhakka, M 2006. Stability and dynamics in an overlapping generations economy under flexible wage negotiation and capital accumulation, CESifo working paper, no. no. 1840, CESifo, Munich.


Koskelainen, E, Stenbacka, R 2006. Equilibrium unemployment with outsourcing under labour market imperfections, Discussion papers / Helsinki Center of Economic Research, no. No 141, Helsinki Center of Economic Research (HECER), Helsinki.


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Koskelainen, E, Puhakka, M 2006. Stability and dynamics in an overlapping generations economy under flexible wage negotiation and capital accumulation, CESifo working paper, no. no. 1840, CESifo, Munich.

INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC TUNAT COMPILEATION OF PUBLICATIONS DATA 2005-2010

EAT/Kultti


Poutvaara, P, Wagener, A 2006. To draft or not to draft. Discussion papers / Helsinki Center of Economic Research, no. No 99, Helsinki Center of Economic Research (HECER), Helsinki.

Poutvaara, P 2006. Public education in a integrated Europe: studying to migrate and teaching to stay. IZA discussion paper series, no. No. 2478, IZA, Bonn.

Tervala, J 2006. Productive government spending and the international transmission of fiscal policy. Discussion papers / Helsinki Center of Economic Research, no. No 120, Helsinki Center of Economic Research (HECER), Helsinki.


Tervala, J 2006. Dollar pricing, the euro and monetary policy transmission. Discussion papers / University of Helsinki, Department of Economics, no. No 624, University of Helsinki, Helsinki.

Vesala, T 2006. Alternating-offers bargaining, dynamic matching and threat of Bertrand competition. Discussion papers / Helsinki Center of Economic Research, no. No 139, Helsinki Center of Economic Research (HECER), Helsinki.

2007


Kannianen, V, Pääkkönen, J 2007. Do the catholic and protestant countries differ by their tax morale?. Discussion papers / Helsinki Center of Economic Research, no. No 145, Helsinki Center of Economic Research (HECER), Helsinki.

Kannianen, V, Poutvaara, P 2007. Imperfect transmission of tacit knowledge and other barriers to entrepreneurship. CESifo working papers, no. no. 2053, CESifo, Munich.


Koetthenbuerger, M, Poutvaara, P 2007. Rent taxation in a small open economy: the effect on transitional generations. Discussion papers / Centre for Economic and Business Research, no. 2007-08, Centre for Economic and Business Research (CEBR), Copenhagen.

Koskelo, E, Könö, J 2007. Strategic outsourcing, profit sharing and equilibrium unemployment. CESifo working papers, no. no. 2168, CESifo, Munich.

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Kanniainen, V., Poutvaara, P., Koskela, E. 2008, Outsourcing and labor taxation in dual labor markets. CESifo working papers, no. no. 2333, CESifo, Munich.


Keller, K., Poutvaara, P., Wagener, A. 2008, Military draft and economic growth in OECD countries. Discussion papers / Centre for Economic and Business Research, no. 2008-10, Centre for Economic and Business Research (CEBR), Copenhagen.

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Koskela, E, Poutvaara, P 2008. Equilibrium unemployment with outsourcing and labour taxation under both unionized and competitive labour markets, Discussion papers / Helsinki Center of Economic Research, no. No 206, Helsinki Center of Economic Research (HECER), Helsinki.


Koskela, E, König, J 2008. The role of profit sharing in dual labour market with flexible outsourcing, Discussion papers / Helsinki Center of Economic Research, no. No 242, Helsinki Center of Economic Research (HECER), Helsinki.


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EAT/Kultti


2009
Aronsson, T, Koskela, E 2009. Outsourcing, public input provision and policy cooperation, S-WOPEC, no. No 779, Umea Economic Studies, Department of Economics, Umea University, [Umea].
Aronsson, T, Koskela, E 2009. Optimal income taxation, outsourcing and policy cooperation in a dynamic economy, S-WOPEC, no. No 784, Umea Economic Studies, Department of Economics, Umea University, [Umea].
Koskela, E, Könö, J 2009. The role of profit sharing in a dual labour market with flexible outsourcing, CESifo working paper series, no. no. 2553, Center for Economic Studies, Munich.
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Kansantaloustieteen laitoksen keskusteluaineistot / Helsinki university library, no. no. 639, University of Helsinki, Helsinki.


Lehmijoki, U, Rovenskaya, E 2009. Environmental mortality and long-run growth, Reports of the Department of Mathematical Information Technology/ Series B, no. no. 2/200921, University of Jyväskylä, [Jyväskylä].


Palokangas, T 2009. Integration, regulation, lobbying by firms and workers and technological change, Kansantalouslaitoksen keskusteluaineistot / Helsinki university library, no. no. 639, University of Helsinki, Helsinki.


2010

Aronsson, T, Koskela, E 2010. Redistributive income taxation under outsourcing and foreign direct investment, Discussion papers / Helsinki Center of Economic Research, no. No. 296, Helsinki Center of Economic Research (HECER), Helsinki.

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INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI

RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

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Koskela, E, König, J. 2010. Profit sharing, wage formation and flexible outsourcing under labor market imperfection, CESifo working paper series, no. no. 2925, Center for Economic Studies, Munich.


Koskela, E, König, J. 2010. Profit sharing, wage formation and flexible outsourcing under labor market imperfection, Discussion papers / Helsinki Center of Economic Research, no. No 284, Helsinki Center of Economic Research (HECER), Helsinki.


Lehmijoki, U, Palokangas, T. 2010. Demographic and economic consequences of the post-war mortality decline in developing countries, Discussion papers / University of Helsinki, Department of Economics, no. No 642, University of Helsinki, Helsinki.


Lehmijoki, U, Palokangas, T. 2010. Demographic and economic consequences of the post-war mortality decline in developing countries, Discussion papers / University of Helsinki, Department of Economics, no. No 642, University of Helsinki, Helsinki.


C2 Edited book, compilation, conference proceeding or special issue of journal

2005


2006
EAT/Kultti

2007

2008

2009

D4 Published development or research report

2010


E1 Popular article, newspaper article

2005


2006

Kanniainen, V 2006, 'Muurmanskista junalla Kemijärvelle?', Helsingin Sanomat.


2007


E2 Popular monograph

2005
Kanniainen, V. 2005, Karjalan kultaisilla mailla: Laatokka, Syvärä, Ääninen, VK World, [Helsinki].

2007
Kanniainen, V. 2007, Maailma on räikeistä rakennettu: markkinat, kriisit, arvot, VK World, [Helsinki].

2010
## 1 Analysis of activities 2005-2010

<table>
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<tr>
<th>Activity type</th>
<th>Count</th>
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<tr>
<td>Supervisor or co-supervisor of doctoral thesis</td>
<td>13</td>
</tr>
<tr>
<td>Prizes and awards</td>
<td>2</td>
</tr>
<tr>
<td>Editor of research journal</td>
<td>178</td>
</tr>
<tr>
<td>Peer review of manuscripts</td>
<td>61</td>
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<tr>
<td>Editor of series</td>
<td>1</td>
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<tr>
<td>Assessment of candidates for academic posts</td>
<td>4</td>
</tr>
<tr>
<td>Membership or other role in review committee</td>
<td>1</td>
</tr>
<tr>
<td>Membership or other role in research network</td>
<td>8</td>
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<tr>
<td>Membership or other role in national/international committee, council, board</td>
<td>21</td>
</tr>
<tr>
<td>Membership or other role in public Finnish or international organization</td>
<td>15</td>
</tr>
<tr>
<td>Membership or other role of body in private company/organisation</td>
<td>18</td>
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<tr>
<td>Participation in interview for written media</td>
<td>83</td>
</tr>
<tr>
<td>Participation in radio programme</td>
<td>5</td>
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<tr>
<td>Participation in TV programme</td>
<td>6</td>
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</tbody>
</table>
2 Listing of activities 2005-2010

Supervisor or co-supervisor of doctoral thesis

Vesa Kanniainen,
Supervision of doctoral thesis, Vesa Kanniainen, 01.01.2006 → 31.12.2006, Finland

Klaus Kultti,
Supervision of doctoral thesis, Klaus Kultti, 01.01.2007 → 31.12.2007, Finland

Otto Iisakki Toivanen,

Prizes and awards

Panu Poutvaara,
Peggy and Richard Musgrave Prize, Panu Poutvaara, 2008
Myrdal Prize, Panu Poutvaara, 2010

Editor of research journal

Helena Holopainen,

Jenni Pääkkönen,
Finnish Economic Papers, Jenni Pääkkönen, 01.01.2006 → 31.12.2006, Finland
Homo Economicus, Jenni Pääkkönen, 01.01.2006 → 31.12.2006, Finland

Juha Virrankoski,

Ilkka Kiema,
British Journal for the Philosophy of Science, Ilkka Kiema, 01.02.2006 → 28.02.2006, United Kingdom
Synthese, Ilkka Kiema, 01.04.2006 → 30.04.2006, Netherlands
Management Science, Ilkka Kiema, 01.12.2007 → 31.12.2007, United States
Southern Economic Journal, Ilkka Kiema, 01.11.2008 → 30.11.2008, United States
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RC-SPECIFIC TUHAT COMPILATIONS OF PUBLICATIONS DATA 2005-2010

EAT/Kultti

Vesa Kanniainen,
CESifo, Vesa Kanniainen, 01.01.2005 → 31.12.2005
CESifo, Vesa Kanniainen, 01.01.2006 → 31.12.2006
FinanzArchiv, Vesa Kanniainen, 01.01.2006 → 31.12.2006
Homo Oeconomicus, Vesa Kanniainen, 01.01.2006 → 31.12.2006
Journal of Banking and Finance, Vesa Kanniainen, 01.01.2006 → 31.12.2006
Regional Science and Urban Economics, Vesa Kanniainen, 01.01.2006 → 31.12.2006
BuR Business Research, Vesa Kanniainen, 01.01.2007 → 31.12.2007
European Economic Review, Vesa Kanniainen, 01.01.2007 → 31.12.2007
FinanzArchiv, Vesa Kanniainen, 01.01.2007 → 31.12.2007
Journal of Banking and Finance, Vesa Kanniainen, 01.01.2007 → 31.12.2007
Journal of Economic Behavior and Organization, Vesa Kanniainen, 01.01.2007 → 31.12.2007
Small Business Economics Journal, Vesa Kanniainen, 01.01.2007 → 31.12.2007
FinanzArchiv, Vesa Kanniainen, 01.01.2008 → 31.12.2008
Associate editor in FinanzArchiv, Vesa Kanniainen, 2010 → 2011, Germany
Member of Editorial Board of Business Research (BuR), Official Open Access Journal VHB, Vesa Kanniainen, 2010 → 2011, Germany

Erkki Koskela,
Environmental and Resource Economics, Erkki Koskela, 01.01.2005 → 31.12.2005
FinanzArchiv, Erkki Koskela, 01.01.2005 → 31.12.2005
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CESifo Economic Studies, Erkki Koskela, 01.01.2006 → 31.12.2006
Environmental and Resource Economics, Erkki Koskela, 01.01.2006 → 31.12.2006
FinanzArchiv, Erkki Koskela, 01.01.2006 → 31.12.2006
Annals of Forest Science, Erkki Koskela, 01.01.2007 → 31.12.2007
CESifo Economic Studies, Erkki Koskela, 01.01.2007 → 31.12.2007
Economics, Erkki Koskela, 01.01.2007 → 31.12.2007
Environmental and Resource Economics, Erkki Koskela, 01.01.2007 → 31.12.2007
Finance Research Letters, Erkki Koskela, 01.01.2007 → 31.12.2007
FinanzArchiv, Erkki Koskela, 01.01.2007 → 31.12.2007
Forest Science, Erkki Koskela, 01.01.2007 → 31.12.2007
International Tax and Public Finance, Erkki Koskela, 01.01.2007 → 31.12.2007
Journal of Food Products Marketing, Erkki Koskela, 01.01.2007 → 31.12.2007
Journal of International Food and Agribusiness Marketing, Erkki Koskela, 01.01.2007 → 31.12.2007
Journal of Macroeconomics, Erkki Koskela, 01.01.2007 → 31.12.2007
Natural Resource Modeling, Erkki Koskela, 01.01.2007 → 31.12.2007
Papers in Regional Science, Erkki Koskela, 01.01.2007 → 31.12.2007
Regional Science and Urban Economics, Erkki Koskela, 01.01.2007 → 31.12.2007
The European Journal of Finance, Erkki Koskela, 01.01.2007 → 31.12.2007
The Open Forest Science Letters, Erkki Koskela, 01.01.2007 → 31.12.2007
The Open Forest Science Reviews, Erkki Koskela, 01.01.2007 → 31.12.2007
Economic Inquiry, Erkki Koskela, 01.01.2008 → 31.12.2008
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EAT/Kultti

FinanzArchiv/Public Finance Analysis, Erkki Koskela, 01.01.2008 → 31.12.2008
Forest Science, Erkki Koskela, 01.01.2008 → 31.12.2008
The Open Forest Science Letters, Erkki Koskela, 01.01.2008 → 31.12.2008
The Open Forest Science Reviews, Erkki Koskela, 01.01.2008 → 31.12.2008
CESifo Economic Studies, Erkki Koskela, 2010

Klaus Kultti

Finnish Economic Papers, Klaus Kultti, 01.01.2005 → 31.12.2005, Finland
International Economic Review, Klaus Kultti, 01.01.2005 → 31.12.2005, United States
Review of Economic Studies, Klaus Kultti, 01.01.2005 → 31.12.2005, United Kingdom
Berkeley Electronic Press, Klaus Kultti, 01.01.2006 → 31.12.2006, United States
Electronic Markets - The International Journal, Klaus Kultti, 01.01.2006 → 31.12.2006, Switzerland
Homo Oeconomicus, Klaus Kultti, 01.01.2006 → 31.12.2006, Germany
International Economic Review, Klaus Kultti, 01.01.2006 → 31.12.2006, United States
Review of Economic Studies, Klaus Kultti, 01.01.2006 → 31.12.2006, United Kingdom
B. E. Journals in Theoretical Economics, Klaus Kultti, 01.01.2007 → 31.12.2007, United States
Finnish Economic Journal, Klaus Kultti, 01.01.2007 → 31.12.2007, Finland
Journal of Economic Behavior and Organization, Klaus Kultti, 01.01.2007 → 31.12.2007
Journal of Economic Theory, Klaus Kultti, 01.01.2007 → 31.12.2007, United States
Economic Theory, Klaus Kultti, 01.01.2008 → 31.12.2008
Labour Economics, Klaus Kultti, 01.01.2008 → 31.12.2008
Research Policy, Klaus Kultti, 01.01.2008 → 31.12.2008
Labour Economics, Klaus Kultti, 01.01.2009 → 31.12.2009
Theory and Decision, Klaus Kultti, 01.01.2009 → 31.12.2009

Ulla Lehmijoki


Tapio Palokangas

European Economic Review, Tapio Palokangas, 01.12.2002 → ..., Netherlands
European Economic Review, Tapio Palokangas, 01.01.2009 → 31.12.2005, Netherlands
German Economic Review, Tapio Palokangas, 11.08.2005 → 12.08.2005, United Kingdom
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<td>Journal of Economic Dynamics and Control, Tapio Palokangas</td>
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<td>Review of Development Economics, Tapio Palokangas</td>
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<td>Stochastic Economic Dynamics, Tapio Palokangas</td>
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<td>Applied Mathematics and Computation. IIASA/IFAC 2006 konferenssin erikoisnumero., Tapio Palokangas</td>
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<td>Economics: Open Access, Open Assessment E-Journal, Tapio Palokangas</td>
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<td>Metroeconomica, Tapio Palokangas</td>
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<td>Journal of Industrial Economics, Otto Isakkki Toivanen, 01.01.2005 → 31.12.2005, United Kingdom</td>
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**EAT/Kultti**

Journal of Industrial Economics, Otto Isakki Toivanen, 01.01.2005 → 31.12.2005, United Kingdom
Kansantaloudellinen Aikakirja, Otto Isakki Toivanen, 01.05.2005 → 31.12.2005, Finland
Finnish Economic Papers, Otto Isakki Toivanen, 01.01.2006 → 31.12.2006, Finland
Journal of Industrial Economics, Otto Isakki Toivanen, 01.01.2006 → 31.12.2006, United Kingdom

**Essi Eerola**,
Public Finance and Management, Essi Eerola, 01.01.2005 → 31.12.2005
European Review of Agricultural Economics, Essi Eerola, 01.01.2006 → 31.12.2006
The B.E. Journal of Macroeconomics, Essi Eerola, 01.01.2008 → 31.12.2008, United States

**Peer review of manuscripts**

Ilpo Kauppinen,
CESifo Economic Studies, Ilpo Kauppinen, 01.01.2010 → 01.07.2010

Vesa Kannainen,
Peer Review for European Economic Review, Vesa Kannainen, 17.12.2010
Peer review for Financial Management, Vesa Kannainen, 07.06.2010
Peer review for FinanceArchiv (Public Finance Analysis), Vesa Kannainen, 28.02.2010, Germany
Peer review for Homo Oeconomicus, Vesa Kannainen, 18.12.2010, Germany
Peer review for International Tax and Public Finance, Vesa Kannainen, 13.07.2010, United States
Peer review for Journal of Economics and Management Strategy, Vesa Kannainen, 04.06.2010
Peer review for the Journal of Economic Behavior & Organization, Vesa Kannainen, 28.02.2010, United States
Peer review for the National Tax Journal, Vesa Kannainen, 27.02.2010, United States

Erkki Koskela,
Asia Pacific Management Review (APMR), Erkki Koskela, 2010
British Journal of Industrial Relations, Erkki Koskela, 2010
Bulletin of Economic Research, Erkki Koskela, 2010
Economic Modelling, Erkki Koskela, 2010
Economics Research International, Erkki Koskela, 2010
European Economic Review, Erkki Koskela, 2010
European Journal of Political Economy, Erkki Koskela, 2010
Finnish Economic Papers, Erkki Koskela, 2010
Forest Policy and Economics, Erkki Koskela, 2010
Forest, Erkki Koskela, 2010
Forest Science, Erkki Koskela, 2010
Forests, Erkki Koskela, 2010
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RC-SPECIFIC TUTAH COMPILATIONS OF PUBLICATIONS DATA 2005-2010

EAT/Kultti

Scandinavian Journal of Economics, Erkki Koskela, 2010
The Open Forest Science Reviews, Erkki Koskela, 2010

Klaus Kultti

Games and Economic Behavior, Klaus Kultti, 28.05.2010
International Journal of Industrial Organization, Klaus Kultti, 14.10.2010
International Journal of Industrial Organization, Klaus Kultti, 08.08.2010 → 09.09.2010
Journal of Economic Theory, Klaus Kultti, 26.05.2010
Journal of Political Economy, Klaus Kultti, 02.12.2010
Mathematical Social Sciences, Klaus Kultti, 18.11.2010
Scandinavian Journal of Economics, Klaus Kultti, 22.03.2010

Ulla Lehmijoki

Pollution Externalities in a Schumpeterian Growth Model, Ulla Lehmijoki, 08.12.2010

Tapio Palokangas

18th IFAC World Congress, Milan 28.8.-2.9.2011, reviewer of manuscripts, Tapio Palokangas, 01.12.2010 → 03.12.2010, Italy
Scandinavian Journal of Economics, reviewer of a paper, Tapio Palokangas, 01.08.2010 → 03.08.2010, United Kingdom

Panu Poutvaara

American Journal of Political Science, Panu Poutvaara, 2010, United States
American Political Science Review, Panu Poutvaara, 2010, United States
Berkeley Electronic Press, Panu Poutvaara, 2010, United States
Canadian Journal of Economics, Panu Poutvaara, 2010, Canada
Defence and Peace Economics, Panu Poutvaara, 2010, United States
Economica, Panu Poutvaara, 2010, United States
Economics, Panu Poutvaara, 2010, United States
Education Economics, Panu Poutvaara, 2010, United States
European Journal of Political Economy, Panu Poutvaara, 2010, Netherlands
FinanzArchiv, Panu Poutvaara, 2010, Germany
International Tax and Public Finance, Panu Poutvaara, 2010, United States
Journal of Health Economics, Panu Poutvaara, 2010, United States
Journal of Public Economic Theory, Panu Poutvaara, 2010, United States
Journal of Public Economics, Panu Poutvaara, 2010, United States
Public Choice, Panu Poutvaara, 2010, United States
Review of Income and Wealth, Panu Poutvaara, 2010, United States
Review of International Economics, Panu Poutvaara, 2010, United States

Hannu Vartiainen

Bargaining with endogenous disagreement: the extended Kalai-Smorodinsky solution, Hannu Vartiainen, 27.06.2010
Bidding and Sequential Coalition Formation with Externalities, Hannu Vartiainen, 05.09.2010
Commitment in Alternating Ogres Bargaining, Hannu Vartiainen, 17.04.2010
Economic theory of love, greed, and networks, Hannu Vartiainen, 15.12.2010
Implementation via mechanisms with transfers, Hannu Vartiainen, 03.04.2010
Implementation via mechanisms with transfers, Hannu Vartiainen, 01.03.2010
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On the existence of nonempty choice sets, Hannu Vartiainen, 19.08.2010
Optimal Auction Design under Non-Commitment, Hannu Vartiainen, 28.07.2010
The Harsanyi paradox and the "right to talk" in bargaining among coalitions, Hannu Vartiainen, 23.04.2010
Theories of power indices and bargaining, Hannu Vartiainen, 03.12.2010
Weak Coalitional Rationality and Weak Coalition Equilibrium, Hannu Vartiainen, 28.03.2010

Editor of series
Vesa Kannainen,
Member of editorial board of EURAS Yearbook of Standardization, Vesa Kannainen, 2010 → 2011, Germany

Assessment of candidates for academic posts
Vesa Kannainen,
Expert assessment: Greek economy / Asiantuntijalausunto: Kreikan talous, Vesa Kannainen, 06.06.2010, Finland
Public economy in Finland: assessments and conclusions / Julkinen talous Suomessa: tilannearvio ja johtopäätökset, Vesa Kannainen, 07.05.2010, Finland
Statement for the Ministry of Finance about Hetemäki's intermediate report of tax development (VM 35/2010), Vesa Kannainen, 30.09.2010, Finland

Membership or other role in review committee
Tapio Palokangas,
Course on "Economic Growth: Mathematical Dimensions 2010", a member of the program committee, Tapio Palokangas, 01.01.2009 → 06.12.2009, Russia

Membership or other role in research network
Vesa Kannainen,
Member of CESifo Research Network Fellow, Vesa Kannainen, 2010 → 2011, Germany
Member of International Institute of Public Finance (IIPF) executive board, Vesa Kannainen, 2010 → 2011, Germany

Ulla Lehmijoki,
Optimal Economic Growth and Environmental Mortality, Research Project, Ulla Lehmijoki, 01.01.2010 → 31.12.2010, Austria

Tapio Palokangas,
Institute für die Zukunft und Arbeit (IZA), Tapio Palokangas, 01.11.2002 → ..., Germany
Dynamics, Economic growth, and International Trade (DEGIT), Tapio Palokangas, 01.01.2005 → ..., Germany
International Federation of Automation and Control (IFAC), Tapio Palokangas, 01.01.2008 → ..., Austria

Hannu Vartiainen,
Associate, Hannu Vartiainen, 01.01.2010 → 31.12.2010, Finland
CESifo Fellow, Hannu Vartiainen, 01.01.2010 → 31.12.2010, Germany

Membership or other role in national/international committee, council, board
Vesa Kannainen,
Suomen Kulttuurirahasto, Kannatusyhdistyksen jäsenyys, Vesa Kannainen, 2002 → ..., Finland
Suomen tedeakatemian jäsenyys, Vesa Kannainen, 2002 → ..., Finland
Erkki Koskela, Helsingin yliopiston kaupunkitutkimuksen tutkija, Erkki Koskela, 01.01.2005 → 31.12.2005

Klaus Kultti, suomen akateemian kulttuurin tutkimus toimikunta, Klaus Kultti, 01.01.2005 → 31.12.2005, Finland

Jyrki Jahnssonin säätiön terveystaloustieteen tieteellisen toimikunnan asiantuntija, Klaus Kultti, 01.01.2005 → 31.12.2005

Jyrki Jahnssonin säätiön terveystaloustieteen jaoston asiantuntija, Klaus Kultti, 01.01.2006 → 31.12.2006, Finland

Jyrki Jahnssonin säätiön terveystaloustieteen jaoston asiantuntija, Klaus Kultti, 01.01.2007 → 31.12.2007, Finland

SA:n arvioija, Klaus Kultti, 01.01.2008 → 31.12.2008

Jyrki Jahnssonin säätiön terveystaloudellisen jaoston asiantuntija, Klaus Kultti, 01.01.2008 → 31.12.2008

Tapio Palokangas, DEGIT Virtual Research Center, Academic Council, Tapio Palokangas, 01.01.2006 → 31.12.2006, Germany

The German-Israeli foundation for Scientific Research and Development, Tapio Palokangas, 23.01.2006 → 24.01.2006, Israel

International Federation of Automation and Control (IFAC), Tapio Palokangas, 11.10.2007 → 12.10.2007, Austria

European Economic Association (EEA) ja Econometric Society European Meeting (ESEM) vuosikonferenssi, Barcelona, Tapio Palokangas, 28.03.2009 → 29.03.2009, Spain

IFAC Workshop on “Control Applications of Optimization”. Vuosikonferenssi 2009, Jyväskylä., Tapio Palokangas, 01.01.2009 → 08.05.2009, Finland


European Association for Research in Industrial Economics, Otto Iisakki Toivanen, 01.01.2005 → 31.12.2005, Belgium

European Association for Research in Industrial Economics, Otto Iisakki Toivanen, 01.01.2006 → 31.12.2006, Belgium

Tieteellinen neuvosto, ETLA, Otto Iisakki Toivanen, 01.01.2006 → 31.12.2006, Finland

Hannu Vartiainen, Hallituksen jäsen, Hannu Vartiainen, 01.01.2010 → 31.12.2010, Finland

Julkaisufoorumi, Hannu Vartiainen, 01.10.2010 → 31.12.2010, Finland

Essi Eerola, Taloustieteellinen Seura, Essi Eerola, 01.01.2008 → 31.12.2008, Finland

Membership or other role in public Finnish or international organization

Vesa Kannianen, the Norwegian Research Council, Vesa Kannianen, 01.01.2005 → 31.12.2005

IIPF, Vesa Kannianen, 01.01.2006 → 31.12.2006

Pertunmaan valtuuskunta, Vesa Kannianen, 01.01.2006 → 31.12.2006

IIPF, Vesa Kannianen, 01.01.2007 → 31.12.2007

Pertunmaan valtuuskunta, Vesa Kannianen, 01.01.2007 → 31.12.2007

Economist member at a "Security and information technology networks" -project (TUVE) of Ministry of Finance, Vesa Kannianen, 04.2010 → 09.2010, Finland

Erkki Koskela, Finnish Academy of Science and Letters, Erkki Koskela, 2010, Finland

Finnish Academy of Science and Letters, Erkki Koskela, 2010

Institute of International Economic Law, Erkki Koskela, 2010, Finland
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Klaus Kultti,
yrjö jahnssonin säätiön terveystaloustieteen jaoston asiantuntija, Klaus Kultti, 01.01.2006 → 31.12.2006, Finland

Tapio Palokangas,
Palkansaajan tutkimuslaitoksen johtokunta, Tapio Palokangas, 01.01.2005 → 31.03.2005, Finland
Työsuojelurahasto, Tapio Palokangas, 01.01.2006 → 31.12.2006, Finland
Työsuojelurahasto, Tapio Palokangas, 05.03.2007 → 06.03.2007, Finland

Otto Isakki Toivanen,
Tieteellinen neuvosto, ETLA, Otto Isakki Toivanen, 01.01.2006 → 31.12.2006, Finland
Tieteellinen neuvosto, Valtiovarainministeriö, Otto Isakki Toivanen, 01.01.2006 → 31.12.2006, Finland

Membership or other role of body in private company/organisation

Vesa Kannainen,
EURAS Yearbook of Standardization, Vesa Kannainen, 01.01.2008 → 31.12.2008
FinanzArchiv, Vesa Kannainen, 01.01.2008 → 31.12.2008
Suomalainen tiekeakatemia, Vesa Kannainen, 01.01.2008 → 31.12.2008
Suomen Kulttuurirahasto, Vesa Kannainen, 01.01.2008 → 31.12.2008

Erkki Koskela,
Academia Europaea, Erkki Koskela, 01.01.2005 → 31.12.2005
KATT (Kansainvälisen talousvihreiden instituutti), Erkki Koskela, 01.01.2005 → 31.12.2005
Pellervo taloudellisen tutkimuslaitoksen tieteellinen neuvottelukunta, Erkki Koskela, 01.01.2005 → 31.12.2005
Suomalainen tiekeakatemia, Erkki Koskela, 01.01.2005 → 31.12.2005
Academia Europaea, Erkki Koskela, 01.01.2006 → 31.12.2006
KATT (Kansainvälisen talousvihreiden instituutti), Erkki Koskela, 01.01.2006 → 31.12.2006
Suomalainen tiekeakatemia, Erkki Koskela, 01.01.2006 → 31.12.2006
Academia Europaea, Erkki Koskela, 01.01.2007 → 31.12.2007
KATT (=Kansainvälisen talousvihreiden instituutti), Erkki Koskela, 01.01.2007 → 31.12.2007
Suomalainen tiekeakatemia, Erkki Koskela, 01.01.2007 → 31.12.2007
Suomalainen tiekeakatemia, Erkki Koskela, 01.01.2008 → 31.12.2008

Essi Eerola,
HECERin johtokunta, Essi Eerola, 01.01.2007 → 31.12.2007, Finland
Taloustieteilijän seura, Essi Eerola, 01.01.2007 → 31.12.2007, Finland

Participation in interview for written media

Jenni Pääkkönen,

Janne Tukiainen,
Juttu "Paikallisliikenne"-lehteen, Janne Tukiainen, 01.01.2002 → 31.12.2011, Sweden
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Vesa Kanninen,
Ilta-lehti, Vesa Kanninen, 04.05.2000 → 31.12.2011, Finland
Ilta-lehti, Vesa Kanninen, 29.06.2000 → 31.12.2011, Finland
Yrittäjä 2000:5, Vesa Kanninen, 01.01.2000 → 31.12.2011, Finland
Oikeusministeriön ryhmäkennetyöryhmä, Vesa Kanninen, 15.11.2004 → 31.12.2011, Finland
Sunnuntai-Suomalainen, Vesa Kanninen, 13.06.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 27.01.2004 → 31.12.2011, Finland
Yliopistolehti, Vesa Kanninen, 29.06.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 27.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 16.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 27.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 29.06.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 27.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 16.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 27.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 16.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 16.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 16.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 16.01.2004 → 31.12.2011, Finland
YLE, Vesa Kanninen, 16.01.2004 → 31.12.2011, Finland
Arvioita valtioneuvoston kanslian raportista "Kestävän talouskasvun ja työllisyyden ohjelma", Vesa Kanninen, 20.10.2010, Finland
Euron tulevaisuus, Vesa Kanninen, 04.05.2010, Finland
Euron tulevaisuus, Vesa Kanninen, 15.11.2010, Finland
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<th>Title</th>
<th>Author(s)</th>
<th>Date</th>
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<td>09.11.2010</td>
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<td>15.11.2010</td>
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<td>26.10.2010</td>
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<td>01.11.2010</td>
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<td>12.03.2010</td>
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<td>31.12.2011</td>
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<td>Taloussanomat, Erikk Koskela</td>
<td>31.12.2011</td>
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<td>Eletä-Suomen Sanomat ja Satakunnan Kansa</td>
<td>Erikk Koskela</td>
<td>10.08.2001</td>
<td>Finland</td>
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<td>Ilkka, Erikk Koskela</td>
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<td>Erikk Koskela</td>
<td>05.02.2002</td>
<td>Finland</td>
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<td>Politikien lehti</td>
<td>Erikk Koskela</td>
<td>11.03.2003</td>
<td>Finland</td>
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<td>Otto Iisakk Toivanen</td>
<td>Castren &amp; Sinelmannin järjestämä seminaari</td>
<td>01.01.2006</td>
<td>31.12.2011</td>
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<td>Viestintäviraston tilaisu, Otto Iisakk Toivanen</td>
<td>01.01.2006</td>
<td>31.12.2011</td>
<td>Finland</td>
</tr>
</tbody>
</table>
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Essi Eerola,
Taloudelliset ohjauskeinot ja ilmastonsuojelu - seminaari, järjestäjä tutkimuskeskus Alfa, Tampere, Essi Eerola, 01.01.2008 → 31.12.2011, Finland

Participation in radio programme

Vesa Kanniainen,
Radiohaastattelu, Vesa Kanniainen, 01.03.2007 → 31.12.2011, Sweden
Kuluttajabokotit, Vesa Kanniainen, 14.10.2010, Finland
Musiikki, runot ja Kreikan talous, Vesa Kanniainen, 14.06.2010, Finland
Valtiontalous, eläkejärjestelmä ja AKT:n lakko, Vesa Kanniainen, 02.02.2010, Finland

Participation in TV programme

Vesa Kanniainen,
TV1, Vesa Kanniainen, 13.05.2008 → 31.12.2011, Finland
TV1, Vesa Kanniainen, 23.05.2008 → 31.12.2011, Finland
TV1, Vesa Kanniainen, 25.09.2008 → 31.12.2011, Finland
TV2, Vesa Kanniainen, 22.01.2008 → 31.12.2011, Finland
Kreikan talous, Vesa Kanniainen, 06.05.2010, Finland
Research Group: Kultti K

**Basic statistics**
- Number of publications (P): 89
- Number of citations (TCS): 130
- Number of citations per publication (MCS): 1.47
- Percentage of uncited publications: 54%
- Field-normalized number of citations per publication (MNCS): .72
- Field-normalized average journal impact (MNJS): .77
- Field-normalized proportion highly cited publications (top 10%): .70
- Internal coverage: .55

**Trend analyses**

**Collaboration**

**Performance (MNCS) by collaboration type**
Appendix B.b.

Maria Forsman, Chief Information Specialist, DSocSc
Helsinki University Library 7.7.2011

The bibliometric analyses by Helsinki University Library (HULib)

Background: The bibliometric analyses – especially citation analyses – have raised a lot of discussion and critics among researchers in social sciences and humanities. Researchers view that bibliometric analyses are often unfair to these fields of sciences because they do not give a good enough picture of the publishing. Citation databases – Web of Science and Scopus – cover only weakly the main publications in these fields. Also, in humanities and social sciences monograph is still the main form of publishing, and it does not include in these article databases.

At the University of Helsinki, the above mentioned concerns have been taken into account in the evaluation. The Evaluation Office has ordered analyses from the Helsinki University Library (HULib) for the participating researcher communities that are weakly represented in Web of Science. The database for the HULib analyses is TUHAT (https://tuhat.halvi.helsinki.fi/portal/en/) including all the publications that the researchers have considered important.

Based on this data, information specialists at HULib have carried out the following analyses:

1) Number of authors/publication/year as a table; a pie of authors/publication in the period 2005-2010;
2) Language of publication/year; a pie of language of publication in the period 2005-2010;
3) Articles/journal/year; journals have been compared by ISSN with the Norwegian, Australian and ERIH (2007-2008) journal ranking lists; number of articles in ranked journals;
4) Publisher/monograph type (according to TUHAT database); monographs have been compared with the Norwegian publisher ranking list. According to this, it has been counted how many monographs are published by a leading scientific publisher (2) or a scientific publisher (1).
5) Conference publications (from TUHAT database) especially in computer sciences; compared with the Australian conference ranking list.

Where relevant, some additional analyses and notes concerning the publication culture of a scientific field have been added. Overall, these analyses complement the other evaluation material and lists of the publications of the participating researcher communities.

If the publications of the RCs were less than 50 or/and the internal coverage less than 40 percentage, the WoS analyses were considered not reliable. These RCs were 58 altogether.

In addition, both Leiden and Library analyses were done to the RCs if WoS analyses covered less than 40 per cent of the peer review (A+C) publications of the RC. These RCs were 8 altogether.

The appendix includes the analyses of the RC under discussion.
Analysis of publications by Helsinki University Library – 66 RCs altogether

**Biological, Agricultural and Veterinary Sciences**
- Luukkanen, Olavi – VITRI
- Valsta, Lauri – SUVALUE

**Natural Sciences**
- Abrahamsson, Pekka – SOFTSYS
- Kangasharju, Jussi – NODES
- Ukkonen, Esko – ALKO
- Väänänen, Jouko – HLG

**Humanities**
- Aejmelaeus, Anneli – CSTT
- Anttonen, Pertti – CMVG
- Dunderberg, Ismo – FC
- Havu, Eva – CoCoLoC
- Heikkinen, Markku – RCSP
- Heinämaa, Sara – SHC
- Henrikkson, Markku – CITA
- Janhunen, Juha – LDHFTA
- Kajava, Mika – AMNE
- Klippi, Anu – Interaction
- Knuutila, Simo – PPMP
- Koskenniemi, Kimmo – BAULT
- Lauha, Aila – CECH
- Lavento, Mika – ARCH-HU
- Lukkarinen, Ville – AHCI
- Lyytikäinen, Pirjo – GLW
- Mauranen, Anna – LFP
- Meinander, Henrik – HIST
- Nevalainen, Terttu – VARIENG
- Pettersson, Bo – ILLC
- Puikkinen, Tuija – Gender Studies
- Pyrhönen, Heta – ART
- Ruokanen, Miikka – RELDIAL
- Saarinen, Risto – RELSOC
- Sandu, Gabriel – LMPS
- Tarasti, Eero – MusSig
- Vehmas-Lehto, Inkeri – TraST
- Östman, Jan-Ola – LMS

**Social Sciences**
- Airaksinen, Timo – PPH
- Engeström, Yrjö – CRADLE
- Granberg, Leo – TRANSURBAN
- Haila, Anne – Sociopolis
- Hautamäki, Jarkko – CEA
- Heinonen, Visa – KUMU
- Helén, Ippo – STS
- Hukkanen, Janne – GENU
- Jallinoja, Riitta – SBII
- Kaartinan, Timo – SCA
- Kettunen, Pauli – NordSoc
- Kivinen, Markku – FCRES
- Koponen, Juhani – DEVERELE
- Koskenniemi, Martti – ECI
- Kultti, Klaus – EAT
- Lahelma, Elina – KUFE
- Lanne, Markku – TSEM
- Lavonen, Jari – RCMER
- Lehtonen, Risto – SocStats
- Lindblom-Ylänne, Sari – EdPsychHE
- Nieminen, Hannu – MECOL
- Nuotio, Kimmo – Law
- Nyman, Göte – METEORI
- Ollikainen, Markku – ENFIFO
- Pirttilä-Backman, Anna-Maia – DYNASOBIC
- Rahkonen, Keijo – CulCap
- Roos, J P – HELPS
- Simola, Hannu – SOCE-DGI
- Sulkunen, Pekka – PosPus
- Suomela, John – RELSOC
- Vainio, Janne – STRUTS

The next appendix includes the analyses of the RC under discussion.
Category: 2. The research of the participating community is of high quality, but the community in its present composition has yet to achieve strong international recognition or a clear break-through.

Number of authors in publications/year

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% of authors

- 1 au: 35%
- 2 au: 46%
- 3 au: 17%
- 4 au: 2%
- 6 au: 0%
- 8 au: 0%
- 1 au: 35%
### Language of publications / Year

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### Language of publications

- **en**: 80%
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### Journal ranking (Norway, Australia, ERIH)

#### Norway ranking

Level 2 = highest scientific, Level 1 = scientific

#### Australian ranking

A*

Typically an A* journal would be one of the best in its field or subfield in which to publish and would typically cover the entire field/subfield. Virtually all papers they publish will be of a very high quality. These are journals where most of the work is important (it will really shape the field) and where researchers boast about getting accepted. Acceptance rates would typically be low and the editorial board would be dominated by field leaders, including many from top institutions.
A

The majority of papers in a Tier A journal will be of very high quality. Publishing in an A journal would enhance the author’s standing, showing they have real engagement with the global research community and that they have something to say about problems of some significance. Typical signs of an A journal are lowish acceptance rates and an editorial board which includes a reasonable fraction of well known researchers from top institutions.

B

Tier B covers journals with a solid, though not outstanding, reputation. Generally, in a Tier B journal, one would expect only a few papers of very high quality. They are often important outlets for the work of PhD students and early career researchers. Typical examples would be regional journals with high acceptance rates, and editorial boards that have few leading researchers from top international institutions.

C

Tier C includes quality, peer reviewed, journals that do not meet the criteria of the higher tiers.

ERIH ranking 2007-2008

Purpose of The European Reference Index for the Humanities (ERIH) is to develop and to maintain an impact assessment tool for European research journals. Journal classification processes are conducted by discipline-specific expert panels. In the ERIH 2007 Initial List there are three categories:

A = international publications, both European and non-European, with high visibility and influence among researchers in the various research domains in different countries, regularly cited all over the world.

B = international publications, both European and non-European, with significant visibility and influence in the various research domains in different countries.

C = European publications with a recognized scholarly significance among researchers in the respective research domains in a particular readership group in Europe; occasionally cited outside the publishing country, though the main target group is the domestic academic community.
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Book publishers

Publisher ranking (based on Norwegian ranking list)

2 = leading scientific
1 = scientific
no = non-scientific or not ranked

C1 Published scientific monograph (279)
C2 Edited book, compilation, conference proceeding or special issue of journal (7)

There are 287 monographs, 3 of which have been published by a leading scientific publisher and 2 by a scientific publisher.
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