MAJANDUSTEADUSKONNA TEADUSTÖÖST - Research in the School of Economics and Business Administration
Research areas

- **innovation studies** (innovation system of countries, innovation policy, micro level innovation, …)
- **productivity growth, structural change**
- **labour economics and migration**
- **organizational studies** (organisational culture, HRM, leadership, cross-cultural aspects …)
- **entrepreneurship and knowledge transfer system of the universities, university industry cooperation**
- **Internationalisation of firms** (inc. foreign direct investments)
- **experimental marketing**
Innovation and micro-data analysis

a) **Systemic view on innovation.** Estonian Ministry of Education and Research (EMER) financed project „The path dependent model of the innovation system: development and implementation in the case of a small country“ 2008-2013 was aimed to develop the model for innovation system, which considers the path-dependency and late-comer advantage of the country. The main results were published in journals such as *American Economic Review, Research Policy, Technovation, Journal of Comparative Economics, World Economy* as well in the book „Innovation Systems in Small Catching-Up Economies“ by Springer in 2012.

b) **Structural change and productivity.** financed by EMER (2014-2019) „Structural Change as the Factor of Productivity Growth in the Case of Catching up Economies“ adds to the existing literature by combining micro and macro aspects of structural change. Emphasis is given to the role of skill upgrading, intangibles and changes in export product or market portfolio in shaping economic structure and productivity.


Innovation system of countries

Research development and innovation policy

- Basic research grant „The path dependent model of the innovation system: development and implementation in the case of a small country“ Estonian Ministry of Education and Research (EMER, 2008-2013).
- It developed the model of national innovation system and its implementation mechanisms for the latecomer small country considering path dependency.
- Research group of SEBA (headed by prof. U. Varblane, prof. K. Ukrainski) with Tallinn University researchers fulfilled between 2011-2015 an applied research project “The Research and Innovation Policy Monitoring Programme (TIPS)” funded by EMER.
- TIPS program - provide high quality input for policymaking and strategic development of Estonian RDI policy. It consisted 7 WPs covering intellectual property rights in R&D, public funding of R&D, leadership and management models of RD institutions, cooperation between universities and industry etc.
- The project was crucial in the process of designing the new Estonian research, development and innovation strategy for 2014-2020.
- It initiated discussion in Estonian society, among policymakers as well academic community about the role of R&D and its funding. Several high level conferences in Estonian Parliament were organised about these issues.
- Prof. U. Varblane was invited to participate in the working group of Prime Minister of Estonia. Prof. K. Ukrainski was invited to be the Estonian expert in the OECD Knowledge Triangle initiative.
- The TIPS program recommendations were used in order to change the research funding system.

http://www.tips.ut.ee/avaleht/

• Intellectual property rights in research and development
• Public funding of research activities in Estonia
• Leadership and management models of Estonian research and development institutions
• Management of cooperation between higher education institutions and industry
• Complex analysis of research, development and innovation policy
• Internationalisation of research, development and innovation activities
• Designing the Estonian research, development and innovation strategy for 2014-2020
RITA – Estonian Research Council programme
aims to increase the role of the state in the strategic managing of research and
the capabilities of R&D institutions in carrying out socially relevant research

• "Final evaluation of the Estonian thematic research and
development programs funded through the European Union

• The participation of moderate and strong innovator countries in
ERA and BSR research and innovation initiatives: analysis and
recommendations for increasing participation, 2016-2017, K. Ukrainski

• Estonian Potential in Framework Programs: Analysis and Policy
Options, 2016-2017, K. Ukrainski

• Patterns of research career in Estonia, 2016-2017, E. Kindsiko
IUT20-49 "Structural Change as the Factor of Productivity Growth in the Case of Catching up Economies“
1.01.2014−31.12.2019
Head of the group – prof.Urmas Varblane

WP1. COMPONENTS OF STRUCTURAL CHANGE AS THE FACTORS OF PRODUCTIVITY GROWTH IN CATCHING UP ECONOMIES

1. What is the relative importance of the between sector reallocation of resources and within sector effect in the aggregate productivity growth in CEE countries compared to the rest of the world? What is driving the differences of countries in the importance of these two components of growth? What is the role of FDI?
2. How to identify skill upgrading effect as a structural change component from the intrasectoral/within effect of productivity growth?
3. How different structural change components of productivity growth are related to institutional factors at macro level?
4. How occupational, sectoral or spatial labour mobility affect productivity on firm and aggregate level?

Contacts: prof. U.Varblane, senior researchers J.Masso, J.Meriküll
WP 2. CHANGES OF FIRMS’ EXPORT MARKETS AND PRODUCT PORTFOLIOS AS THE SOURCE OF PRODUCTIVITY GROWTH AND STRUCTURAL CHANGE

1. What are the key factors that affect firms’ decisions at export product or market level?
2. What are the dominant patterns and determinants of non-linear internationalization, compared to linear internationalization?
3. How do firm level changes in export markets and product portfolios lead to higher productivity and performance?
4. What are the consequences of changes in export markets and export product portfolios on firm survival?
5. Does product level entry-exit process result in structural change in an industry?

Contacts: sen. researchers Priit Vahter, Jaan Masso, Tiia Vissak, Oliver Lukason
WP3. INTANGIBLE ASSETS (ORGANISATIONAL AND FIRM-SPECIFIC HUMAN CAPITAL) AS THE DETERMINANTS OF PRODUCTIVITY GROWTH

1. How are elements of organisational capital related to firm productivity?
2. How are firm-specific human capital and relations related to firm productivity?
3. How important are complementarities of intangible assets in explaining firm productivity?
4. Can we empirically identify cause-and-effect relationship between intangible assets and productivity on a firm level?

Labour economics and migration

- **NORFACE project** “Migrant Diversity and Regional Disparity in Europe” (prof. T. Paas, 01.10.2009-30.09.2013) the impact of the spatial distribution, composition and dynamics of diverse migration flows on socio-economic disparity and individual wellbeing across regions.

- **EU 7th framework project** STYLE – “Strategic Transitions for Youth Labour in Europe” (prof. R. Eamets, sen.res J. Masso, 01.03.2014-30.09.2017) comparative EU wide analysis on youth unemployment that is sensitive to gender, ethnic and class differences and the historical legacies of multi-level institutions shaping relevant policies.
Special Issue: *labour market flexibility and spatial mobility*

*Vol 35, No 6, 2014*

Guest editor(s):
Raul Eamets,
Krista Jaakson
COST framework - CA16111
International Ethnic and Immigrant Minorities' Survey Data

• Main Proposer: United Kingdom
• Network of Proposers (22 countries – ITC: 36%): Austria; Belgium; Denmark; Estonia; France; Germany; Greece; Hungary; Ireland; Italy; Lithuania; Luxembourg; Netherlands; Norway; Poland; Portugal; Romania; Slovakia; Spain; Sweden; Switzerland; United Kingdom

Estonia – representative prof. Tiiu Paas
Organizational behaviour, organizational culture and human resource management

- Prof. M.Vadi: EU 7th framework project SEARCH “Sharing Knowledge Assets: InteRegionally Cohesive Neighbhorhoods” (2011-2014)

- EU DG Home Affairs project PRIVACOR “Reducing Corruption: focusing on private sector corruption” (2014-2016)

"Learning Cultures in Organizations“

(1.09.2015–31.08.2017)

_Financed by: European Centre for the Development of Vocational Training (CEDEFOP)_

- **How the learning culture in organizations contributes to their economic success** at the enterprises in Estonia, Finland, Germany, Slovenia and Portugal.

- The nature of the learning culture in each enterprise influences all forms of learning (formal with clear objectives, curriculum, non-formal and intentional and informal, which is unstructured and non-intentional) as well as approaches towards using information technology or new forms of work organisation (structures and processes)

- Through this study, employers and social partners will be provided with insights about the differences in organizations’ understanding of learning culture and its practical implications.
Some applied research projects for public and private sector

• Enterprise Estonia funded project “Research of Estonian management: 2010” (2010-2011) evaluated the management of Estonian firms by its main functions (planning, organizing, influencing, and controlling).

• Nonprofit organization FinanceEstonia funded the project “The State, Future Demand and Promotion of the Estonian Financial Sector's Human Resources” (2014) aimed to elaborate proposals for training and development of Estonian financial sector specialists.

• “The Research and Innovation Policy Monitoring Programme (TIPS Programme)” funded by EMER the special workpackage “Leadership and management models of Estonian research and development institutions” was executed 2013-2015 by the research group of SEBA.

• “Best Practices of Management in University of Tartu” (2016-2017), where based on qualitative research best practices of management are drafted and initiatives for future development are suggested.
Internationalisation of firms

• Senior researchers - Tiia Vissak and Oliver Lukason and prof. Niina Nummela (Univ of Turku, Finland)
• Dafnis Coudounaris – new faculty member – with several research ideas in the field of export marketing, internationalisation strategies of firms, exit strategies of firms etc.
International Journal of Export Marketing
(Inderscience)

• Editor in Chief: Dr. Dafnis N. Coudounaris

Topics covered:

• Internationalisation strategies and stages
• Pathways/approaches i.e. born globals, Uppsala model I, Uppsala model II, networks
• Export performance of firms and related constructs
• The export-import relationship and unethical behaviour
• Export marketing (stimulation/motivation, barriers, strategy, standardisation vs. adaptation
• Export sales management
• Export promotion programmes and government export policies
• Green export marketing
• Attitudinal studies of managers in different export market environments
• Country-of-origin and constructs relevant to exporting
• Corporate social responsibility and supply chain management
• Theoretical studies (resource based view, transaction cost approach
• Studies of managers related to importing
• Meta-analyses on various modes of entry
• Modes of entry other than exporting,
  e.g. franchising agreements/licensing, FDIs, divestments
Entrepreneurship and knowledge transfer system of the universities

• prof. T.Mets 7th framework project **BGPROCESS - Smart entrepreneurial process for knowledge society** (01.05.2014-30.04.2017) aimed to develop and validate a novel model of entrepreneurial process for new venture creation.

• INTERREG IV A project CB ENTREINT “**Central Balticum Entrepreneurship Interaction**“ (2011-2013) focused to the analysis of the entrepreneurship training needs for the entrepreneurship teachers and analysis of the buzz platforms in Finland, Estonia and Latvia.

• **Global Entrepreneurship Monitor** (T.Mets, J.Masso, M.Raudsaar, K.Paes, U.Varblane,)

• **SCOPES - Improving energy security through Swiss-Ukrainian-Estonian institutional partnership** (1.04.2015–31.03.2017)“, Liina Joller,

- Ca 3000 osalejat
  Eesti Rahva Muuseumis
- 45 esinejat
- 2 suurt lava, 1 tudengilava;
- 15 seminari; praktika- ja töömess
- Teemad:
  - How to earn if there’s nothing to burn?
  - Loovtööstus
  - Sporditööstus
  - Virtuaalreaalsus
  - Biotehnoloogia
  - Kosmosetehnoloogia
  - Targa linna lahendused
  - Ettevõtlusõpe
  - Tootearрендus
Asian studies in Tartu university and SEBA

- **AUKLASTA** (Competence Centre of Asian studies) 2013-2015, (U. Varblane)
- **Asian Centre** – combines all four areas of the university - *Humaniora, Socialia, Medicina and Realia et Naturalia*
- Since 2017 August –or 5 years professor of Asian economy PETER J.HWANG
- Research agenda will be linked with current projects
- January 18-19, 2018 in SEBA the second Korea conference
- Cooperation with TongJi university and several others
- Contacts: prof U.Varblane, prof. P.Hwang, researcher R.Alunurum
Experimental marketing in cross cultural settings

- Research team combining people from the experimental psychology, experimental marketing (neuro-marketing), cross cultural studies
- **Aim** - to investigate the consumer behaviour
- Using different methods – eye-tracking, EG, face reader
- Example of current work - *Cross-cultural differences in perception of product package*
- Contacts: Assoc.prof Andres Kuusik, researchers Kristian Pentus, Kerli Ploom
Some examples about the best publications


Our doctoral student from St.Peterburg published last year in remarkable good journal

Our discussion papers series started in 2000 and currently we have 102 publication

• Diana Gabrielyan „FORECASTING INFLATION USING THE PHILLIPS CURVE: EVIDENCE FROM SWEDISH DATA“, No 100, 2016

• Jaan Masso, Priit Vahter "KNOWLEDGE TRANSFER FROM MULTINATIONALS THROUGH LABOUR MOBILITY: LEARNING FROM EXPORT EXPERIENCE“ No 99, 2016
Teadustulud 2013-2016 (liigiti, eurodes)

Kavand 2017 a.

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Kogumik on liigendatud kuude ossa:
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