

CURRICULUM VITAE

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Tuomo Tarmo Aatos Kuosa

Work address:

Korkeavuorenkatu 25 A 2, FIN-00130 HELSINKI, FINLAND
Tel. +358 9 68185818, +358 50 3060389, Fax: +358 9 68185888
email: tuomo.kuosa@tse.fi; tuomo.kuosa@dynamicfutures.org

Born:

July 5, 1975, Finland.

Languages:

Finnish (mother tongue), English (very good), Swedish (good), (Spanish), (Russian)

Present position:

- Finland Futures Research Centre, Turku School of Economics, Project manager
- CID-research group, Transformation Futurist.
- Dynamic Futures, CEO

Research visits and studying abroad:

- United Kingdom, University of Manchester/Manchester Business School, Research visit and lecturing, 15.1-31.1.2009.
- Venezuela, Falcon State, Coro. Lecturer in Postgraduate Centre of Universidad Nacional Experimental Francisco de Miranda (UNEFM), Professor de Decanato de PostGrado. Research visit was a part of EC's Alfa-program's Self-Rule Network, April 2006 – June 2006.
- USA, Wisconsin, Goodrich High School, Studying as a foreign exchange student, Part Of STS/AISE programs, July 1992 - June 1993.

Education:

- Turku School of Economics 14.10.2005 - fall 2009. Forthcoming PhD (Economic sociology and futures research). Subject of doctoral dissertation: *Towards the Dynamic Paradigm of Futures Research: Implied Change and Recommendations for Grasping the Complex Future.*
- University of Tampere 28.2.2001. Master of Social Sciences (includes BA). Major subject: Political science (excellent grade), minor subjects: Sociology, Media communication studies, Social politics, Philosophy, Futures studies and Economics, total 197 ov/ects (á 40h) / 315 op/grds. Master's thesis: Globalisaatio käyttöala Suomessa. Yhteiskuntatieteellisten lehtien globalisaatio 1990-luvun Suomessa [Extension of Globalization in Finland] (grade magna cum laude).
- Mäntsälän lukio, ylioppilas [Baccalaureat, Upper secondary school graduation] 1995.
- Goodrich High School, Wisconsin, USA, graduation with diploma, 1992-1993.

Work experience:

- Turku School of Economics and Business Administration, Finland Futures Research Centre, project manager and researcher, since 1.7.2002.
- **Current project: (iKnow) Interconnecting Knowledge for the Early Identification of Issues, Events and Developments (i.e. Wild Cards & Associated Weak Signals) Shaping and Shaping the Future of Science, Technology and Innovation (STI) in the European Research Area (ERA).** Project manager of Finnish partner project. Leader of four work packages in the whole project, out of the ten in total. Since 1.10.2008-

Recent:

- *TSE Graduate School of Future's Business Competences (TULIO)*, PhD Research in 1.1.2006 - 30.9.2008.
- *Liberal education and competence in labour markets 2030 – Keys to the success in the future* project. Ministry of Education (OPM), Funded by ESF, 1.8.2006 - 31.1.2008.
- *National Board of Education (OPH)*, counselling Future of Education scenario work in OPH's management's futures planning process, winter 2006-2007.
- *Haaga-Helia* University of Applied Sciences, counselling management's scenario work when Haaga and Helia were merging, the scenario work was meant to support HH's strategy work, spring 2007.
- *Agora – Towards Sustainable Development 2020 (Kestävän kehityksen torile 2020)* – The Future competence needs for environment experts. Funded by ESF, Ministry of Education (OPM)], 1.5.2005 – 31.1.2006.
- *Future Probe 2015 (EK's)* – Education Intelligence (EK:n Tulevaisuusluotain 2015), (project of Confederation of Finnish Industry and Employers (EK), Funded by European Social Fund (ESF), and Finland's Ministry of Education (OPM). Subject: Future education and competence needs of Finnish industries, counselling the foresight in the process, e.g. all the Delphi's, Dissaggregative policy Delphi, scenario work, futures workshop organizing, 1.8.03 – 30.8.06.
- *Aaltojen yhteys*, Regional foresight and R&D work for municipalities of Finland and Estonian sides of Gulf of Finland (EAKR, Interreg IIIA project), 1.1.2004 - 31.12.2004.
- *TUKESFuture*, TUKES (National Safety Technology Authority), Competence foresight project, coordinating the project and counselling the futures foresight and scenario work, 1.1.04 - 30.6.04.
- *ArvoPro* (Municipalities, value based foresight), 1.7.03 - 30.8.03.
- *Ondis* (Online discussions as Political action – Academy of Finland), 1.5.03 - 30.7.03.
- *Future Models of European eDemocracy*, 1.7.2002 – 30.4.2003 (EU 6th FWP call, Coordinating DEFUS proposal's planning and partnerships, Frequent development work meetings and negotiations with TODOS consortium in London, Dublin, Copenhagen and Paris).

Before FFRC:

- Ministry of Labour, Labour adviser. Tasks concerning unemployment benefits, statements and obligated clarification reports requests, customer interviews and meetings. 2001-2002.
- VTT Technical Research Centre of Finland, Building and Transport unit, City Planning Research Group, Project researcher. Projects in VTT: Etätyön ekohallittu käyttöönotto, publication: *EcoManaged eWork*. And project: Uudet suunnat maaseudun tulevaisuudelle, publication: Futures of Finland's Rural areas, Tulevaisuussarja 7. 2001.
- Finland Foreign Ministry, Political division, UN affairs unit, Trainee. Participation to UN unit's affairs, organising international meetings, etc, 2000.

Steering of workshops and use of foresight methods:

I have steered or facilitated over 40 futures workshops and research projects with different methods. Examples of the used methods bellow:

- Three phases futures wheel – for *Ministry of Transportation and Communication (LVM)*, Steering futures work for National Logistics Strategy, Spring 2009.
- for *(EUROFM) European facility management network*, Steering the network's futures prospectives work, November 2006.
- Critical action scenarios (CAS) for *National Board of Education (OPH)*, counselling Future of Education scenario work (Koulutus Tulevaisuuteen!) in OPH's management's futures planning process, my own method together with Metsämuuronen, winter 2006-2007.
- Normative scenario process with futures table approach – for *Haaga-Helia University of Applied Sciences*, counselling management's scenario work when Haaga and Helia were merging, the scenario work was meant to support HH's strategy work, spring 2007.
- Normative scenario process with futures categories – for *Finland's Lutheran Church's Center for Family Council*, September 2008.
- Explorative scenario process – for *TUKESFuture*, TUKES (National Safety Technology Authority), Competence foresight project, coordinating the project and counselling the futures foresight and scenario work, January 1 - June 30 2004.
- Explorative scenario process with futures table – for *Metropoliluotain*, Helsingin kaupungin tietokeskus, tutkimuksia 1/2006, Stadia, www.hel.fi/tietokeskus/, spring 2006.
- Delphi method (internet based): four substantial processes, and four minor processes performed – including use of question programmes (Internetix, Discendum Optima).
- Disaggregative Policy Delphi which combines Delphi's quantitative and qualitative approaches into scenarios through SPSS (statistic program's cluster analysis – for Confederation of Finnish Industry and Employers (EK), and Aaltojen yhteys.
- Futures Barometer of Education – for Ministry of Education (this was participation, not steering), winter 2006-7.
- ACTVOD + strategy work – in many workshops.
- Brainstorm working – in many workshops.

- Weak signals Hound dog training [in Finnish, heikkojen signaalien vainukoirakoulutus] – for several executive programmes of Universities of Applied Sciences, Palmenia and LLL-network. My own method.
- My other own methods are:
- MRA - Methodologies of Reasoning Answers (The Archetype Approaches of Scientific and Everyday Reasoning and Their Usability in Anticipation). Framework for analysis.
- FSSF - Futures Signals Sense-making Framework (A Startup with tool for analysing and categorising Weak Signals, Wild Cards, Drivers, Trends and Any Other Types of Information). Framework for analysis.

Lecturing and teaching:

I have given in total nearly 200 guest speaking, keynote speaks and lectures in workshops for specific customers, plus the additional seminar speaks, and the courses to students (see below). Lecturing has taken place in five countries: Finland, UK, Estonia, Venezuela and USA. The most common subjects have been: Future of Education, Competence need of the future, Dynamical paradigm in Futures Studies, Forms of futures thinking, Transformation of the Future, Scenarios as a tool in strategy work, forthcoming paradigm shift in education, learning, pro-activity with social complex adaptive systems, globalisation, political science, eDemocracy, and foresight methods. The customers vary across management of international and national companies, management of Universities of Applied sciences, different national programs, seminars of Ministries, mayors etc.

Largest course so far: Preparing, lecturing and grading the course: *Methodology of Futures studies*. Curso titulado Espanol: Metodologia de Estudios Prospectivos. Universidad Nacional Experimental Francisco de Miranda (UNEFM), Professor de Decanato de PostGrado, Venezuela, Falcon State, Coro. April 2006 June 2006. The course contained both theoretical and practical exercises of Futures research and Complexity studies. The status of the course was postgraduate level and the language of the course has been English and Spanish. The students of the course were UNEFM's postgraduate students, professors and University's Planning unit's staff and directors. Accomplishment of the course required: 1. Active participation to the lectures and futures studies exercises, 2. Fullfillment of home assignment of weak signals detection, 3. Reading and making notes of three international papers related to Futures studies, and 4. Writing an essay.

Other entire courses run: eTeaching in MJK institute: eight courses in 2002-2003 (all together 23 ECTS): Society knowledge, International economy, Advanced course of economics, Company ethics, Governing procedure. Courses in HEO (open university): Two courses of Political Science run, both 2 ECTS, plus one course of preparation for entrance examination in Political Science to University's Faculty. 2001. Substitute teacher of political science in Alkio-opisto (Open university) in 2001.

Other scientific activities and memberships:

- Futura – publication of Finland society of futures studies, visiting editor-in-chief, 2/2004.
- Futura – publication of Finland society of futures studies, member of editorial board, 1.1.2004.
- Ministry of Education, board of theme year Creativity and innovations in Europe [in Finnish,
- Luovuuden ja innovaatioiden teemavuosi] Aleksi Koskela – Kirsi Lindroos. Since 2008-
- Ministry of Education and Finland's Committee for the Future in Parliament, Sakari Karjalainen –
- Jyrki Kasvi, member of planning committee for National Futures Barometer of Education, since
- 2008-
- Milli, Think Tank of City of Oulu, member since 2008-
- Finland society of futures studies, member of board since 1.1.2004-
- TUTKAS society of members of parliament and researchers, member, 1.10.2003-
- Town of Kerava, member of environment and education board (Lautakunta), excandidate of
- municipal elections.
- Futuuri – FFRC Newsletter, member of editorial board, 1.8.2005-2007.
- Metropoliluotain [Metropolis Probe], Uusimaa region's welfare services in 2015, ESF project,
- Stadia – Helsinki Polytechnic School, active member of project's steering group, since 1.9.2003.
- Aaltojen yhteys and (TT's) Future Probe – Education Intelligence – both are EU funded projects,
- active vice-member of both project's steering groups 1.1.2004- 31.12.2006.

International referee reviews (6 pcs):

- Member of the Review Board for Encyclopedia of Digital Government, UTA/ISI, Ideagroup, USA, 2005. Three referee reviews of manual scripts written for the editorsinchief AriVeikko Anttiroiko and Pentti Malkia during april 2005.
- Member of the Review Board for Encyclopedia of Developing Regional Communities with ICT, UTA/ISI, Ideagroup, USA, 2004. During autumn 2004, two referee reviews of manual scripts written and sent for editorial assistant Megan Hoodcamp, Australia 2004. Editorsinchief:Stewart Marshall, The University of the West Indies, Barbados; Wal Taylor, Cape Peninsula University of Technology, South Africa; Xinghuo Yu, Royal Melbourne Institute of Technology, Australia.
- One referee review of a manuscript written for The European Journal of Communication Research
- (EJCR). Manuscript was related to Internet voting and civic participation (30p.). Sent to editorinchief Nick Jankowski, Neatherlands 29.1.2003.
- + National referee review (1pcs):

- Referee review of a manuscript written for Futura in Finland. Manuscript was related to future orientation in education. Sent to visiting chief editor Anita Rubin 16.1.2006.

Expertise:

- Scenario method as a tool in strategy work (fully counseled projects for: National Board of Education, Haaga-Helia University of Applied Sciences, Metropoli Probe and national Safety technology authority TUKES)
- Futures research methodology and foresight tools– especially Future signals evaluation framework TSA (weak signals, drivers, trends), scenario method, group work methods
- Intelligence of education and competence needs
- Forthcoming paradigm shift in education and 40 years horizontal qualification model as a solution
- Anticipating, sense-making, and modeling the societal and economical change
- Reasoning approaches in Pattern management and complexity research as a complimentary framework for futures research

Short Study Visits (4 pcs):

- New York - Washington, 8.5-15.5.2005, Study visit of Confederation of Finnish Industries: International Business competence in USA.
- Paris, 4.5-9.5.2004, Study visit of Confederation of Finnish Industries: Competence Intelligence in
- France.
- Estonia, Virumaa Region, Study visit: Business run by Finns in Estonia, participants were decision makers from Kymi Region in Finland 23.11.2004.
- Estonia, Narva's Finland days, including study visit to Narva region: developing prospectives for the region, 17-19.6.2004.

- **Grants:**

- Turku School of Economics' Graduate school of Future's Business Competences, Researchers positions January 2006
- Turku School of Economics and Business Administration, Grant committee, Additional travel grant for TODOS meetings in London, Dublin and Paris.
- University of Tampere, three month grant for doctoral dissertation 2002.

- **Other remarks:**

- In year 2005, my work was ranked as number one in research and publication points in FFRC of
- TSE – 33 points. In the same year, FFRC got itself best research points among all units of Turku School of Economics – 253 points.