

Jouko Myllyoja

Publications

Journal articles in journals applying a double-blind peer-review process (6)

Myllyoja, J. (In peer review). Applying drama methods in foresight: Creating learning and in-depth futures knowledge. Futures. Elsevier.

Myllyoja, J., Rilla, N. & Lima-Toivanen, B. (Forthcoming 2022). Strengthening futures-oriented agenda for building innovation ecosystems. European Journal of Futures Research.

Ahlqvist, T., Halonen, M., Eerola, A., Kivisaari, S., Kohl, J., Koivisto, R., Myllyoja, J. & Wessberg, N. (2012). Systemic transformation, anticipatory culture, and knowledge spaces: constructing organizational capabilities in roadmapping projects at VTT Technical Research Centre of Finland. Technology Analysis & Strategic Management. Vol. 24, No 8, September 2012, 841-861. Routledge.

Koivisto, R., Wessberg, N., Eerola, A., Ahlqvist, T., Kivisaari, S., Myllyoja, J. & Halonen, M. (2009). Integrating FTA and Risk Assessment Methodologies. Technological Forecasting and Social Change. Elsevier.

Lehtinen, S., Laine, M., Tuominen, A., Myllyoja, J., Peltomaa, J. & Wessberg, N. (2021). Applying the views of the citizens into the decision-making processes and strategies of cities. Focus Localis 4/2021. Lehtinen, S., Laine, M., Tuominen, A., Myllyoja, J., Peltomaa, J. & Wessberg, N. (2021). Kohti moniäänisempää tulevaisuustyötä – Asukaslähtöiset skenaariot työvälineenä kaupunkien strategiaprosesseissa. Focus Localis 4/2021.

Saari, H., Åkerman, M., Kieslinger, B., Myllyoja, J., & Sipos, R. (2021). How Open Is the Maker Movement? Integrative Literature Review of the Openness Practices in the Global Maker Movement. Sustainability, 13(24). MDPI.

Articles (not peer reviewed) in scientific magazines (4)

Myllyoja, J. (2017). Tiedolla, toiminnalla ja tunteella tulevaisuuksiin: Kokemuksia draamainterventioiden ja ennakkoinnin rajapinnalta (Towards futures by knowledge, action and emotions: Experiences from the interface of drama interventions and foresight). Futura, Vol. 36, No. 3. pp. 103–107. Tulevaisuuden tutkimuksen seura.

Myllyoja, J., Eerola, T. & Peltonen, L. (2015). Kaivannaisteollisuuden moniäänisyyttä tutkimassa teatterin keinoin (Exploring multi-toned mining industry by drama intervention). *Alue ja Ympäristö*, Vol. 44, No. 2. pp. 54–59.

Myllyoja, J., Åkerman, M., Peltomaa, J. & Wessberg, N. (2018). Asiantuntijat notkeustestissä: Draamamenetelmillä kaupunkilaisten kokemukset osaksi ennakointia (Drama methods as a way create city futures). *Katsaus. Tiede & edistys* 2/2018. Tutkijaliitto.

Wessberg, N. & Myllyoja, J. (2009). Pohjoismainen vesiteknologia ja ETV-järjestelmä. *Ympäristö ja Terveys*, Vol. 40, No. 5. pp. 58–61.

Peer-reviewed conference proceedings (3)

Myllyoja, J. & Koivisto, T. (2013). Improvisation in supporting organizational development and change. In: *Proceedings of the Participatory Innovation Conference PIN-C 2013*. Melkas, H. & Buur, J. (eds.). Lappeenranta, Finland: Lappeenranta University of Technology, p. 249-252

Dufva, M., Myllyoja, J. & Ahlqvist, T. (2013). Building organisational future orientation: example from research and technology organisation. Paper presented at The XXIV ISPIM Conference – Innovating in Global Markets: Challenges for Sustainable Growth in Helsinki, Finland on 16-19 June 2013.

Herselman, M., Botha, A., Toivanen, H., Myllyoja, J., Fogwill, T. & Alberts, R. (2016). A Digital Health Innovation Ecosystem for South Africa. *IST-Africa 2016 Conference Proceedings*. Paul Cunningham and Miriam Cunningham (Eds.). IIMC International Information Management Corporation, 2016. ISBN: 978-1-905824-55-7 (Proceedings).

Not peer-reviewed proceedings / presentations (8)

Myllyoja, J. (2022). At the interface of drama methods and futures studies. Key-note speech in meetup of “Interface between arts and science”. Organized by Helsinki University of Helsinki. 7 April 2022.

Myllyoja, J. (2022). Arts-based methods in thinking and making futures. Lecture in Finland Futures Research Centre. 8 February 2022.

Myllyoja, J. (2021). Theatre as thinking and making futures. Presentation in Finnish Conference of Cultural Studies. The University of Eastern Finland. 8th – 10th December 2021.

Dufva, M., Halonen, M & Myllyoja, J. (2016): Disciplined Drifting and the Art of Foresight. Abstract and presentation in Arts without borders? -conference 20 Oct 2016. University of the Arts Helsinki and CERADA.

Myllyoja J. (2019). Experiencing scenarios through dramatized narratives. Abstract and performative presentation in Constructing Social Futures Conference, June 12-13 2019. Finland Futures Research Centre, Turku, Finland.

Myllyoja, J., Wessberg, N., Dufva, M., Tuominen, A. & Åkerman, M. (2017). Methodology for demystifying the futures of cities with dwellers. Abstract and presentation in HopefulNESS 2017, 13th Nordic Environmental Social Science Conference. 6 Jun 2017 - 8 Jun 2017, Tampere, Finland.

Myllyoja, J. & Koivisto, T. (2016). Constructing lenses to observe impacts of drama interventions. Abstract and presentation in Arts without borders? -conference 20 Oct 2016. University of the Arts Helsinki and CERADA.

Myllyoja, J. & Rilla, N. & Toivanen, M. (2020). Applying an ecosystem approach and intangible flows in constructing futures in Asian cybersecurity context. Abstract and presentation in the 8th Triple Helix Conference organised by Tampere University.

Published research reports and studies (18)

Ahola, J., Ahlqvist, T. Ermes, M., Myllyoja, J. & Juha Savola (2010). ICT for Environmental Sustainability - Green ICT Roadmap. VTT research notes 2532.

Anttila, J., Eranti, V., Jousilahti, J., Koponen, J., Koskinen M., Leppänen J., Neuvonen, A., Dufva, M., Halonen, M., Myllyoja, J., Pulkka, V., Annala, M., Hiilamo, H., Honkatukia, J., Järvensivu, A., Kari, M., Kuosmanen, J., Malho, M. & Malkamäki, M. (2018). Tulevaisuusselonteon taustaselvitys. Pitkän aikavälin politiikalla läpi murroksen – tahtotiloja työn tulevaisuudesta Valtioneuvoston selvitys- ja tutkimustoiminnan julkaisusarja 34/2018.

Dufva, M., Halonen, M., Kari, M., Koivisto, T., Koivisto, R. & Myllyoja, J. (2017). Kohti jaettua ymmärrystä työn tulevaisuudesta. Valtioneuvoston selvitys- ja tutkimustoiminnan julkaisusarja 33/2017.

Dufva, M., Halonen, M., Kari, M., Koivisto, T., Koivisto, R. & Myllyoja, J. (2016). Miltä näyttää työn tulevaisuus? Tilannekatsaus ja kuusi muutuskulkua. Policy Brief 19/2016. Valtioneuvoston selvitys- ja tutkimustoiminta.

Jakobsson, M.; Pekkala, J.; Hissa, A.; Eerola, A.; Myllyoja, J.; Lyytinen, T. & Koivisto, R. (2013). Open Wave – Open Innovation for Future Boating Industry. Aalto School of Arts, Design and Architecture 2/2013. ISBN (pdf) 978-952-60-5046-1.

Kohl, J., Wessberg, N., Kauppi, S., Myllyoja, J. & Wessman-Jääskeläinen, H. (2013). Kestävä ja hyväksyttävä kaivannaisteollisuus 2030 - Visio ja roadmap. VTT Technology; No. 145, 48 p.

Koivisto, T & Myllyoja J. (2011). Improvise! — Supporting organizational learning and innovation by intervention research and interaction training. Improvisoi! — Organisaation kehittäminen interventiotutkimuksen ja vuorovaikutuskoulutuksen metodeilla. VTT publications 779.

Leinonen, A.; Ahlqvist, T.; Sundqvist-Andberg, H.; Suominen, A.; Myllyoja, J.; Grandell, L.; Tikanmäki, M.; Oksanen, K. & Toivanen, H. (2014). Roadmaps to arctic opportunities, Futures of arctic competences and technologies in the Finnish context. Research Report: VTT-R-05901-14

Myllyoja, J., Toivanen, H., Herselman, M., Botha, A., Alberts, R. & Fogwill, T. (2016). Conceptualising of a South African Digital Health Innovation Ecosystem. CSIR-Meraka, South Africa. ISBN: 978-0-7988-5628-7.

Myllyoja, J. (2010). Water business is not an island: assessing the market potential of environmental innovations. VTT Publications 718.

Naumanen, M. & Myllyoja, J. (2020). Lyhytaikaisen majoitustoiminnan tilastointimahdollisuudet Suomessa. Ministry of Economic Affairs and Employment, 23/2020.

Nieminen, M.; Leväsluoto, J.; Wessberg, N.; Myllyoja, J.; Kivisaari, S. & Nieminen-Sundell, R. (2013). Yhteistyön haasteet Sampolan kampuksella. Sampolan koulukeskuksen muutoksen hallinnan tuki -hankkeen loppuraportti. Tampereen kaupunki, 2013. 92 p.

Pihkola, H., Pajula, T., Federley, M., Myllyoja, J., Tapia, C. & Ritthoff, M. (2017). Sustainability assessment in the process industries – Current practice and paths for future development. VTT Technology 299.

Popper, R.; Rilla, N.; Myllyoja, J.; Helin, K.; Salo, S.; Rischer, H.; Alakomi, H.; Kiviniemi, J.; Tsitko, I.; Komonen, P.; Bohner, E.; Pinomaa, T.; Tuikka, T.; Szilvay, G.; Nagy, J.; Al Hashimi, K.; Talal, A.; Al Amiri, A.; Al Mohammad, M.; Al Shehhi, H.; Al Hajeri, S. & Al Shamsi, F. (2020). Towards a Roadmap for Future UAE Deep Space Missions and the Sustainable Settlement

of Humans on Mars. VTT Technical Research Centre of Finland, 2020. 58 p. UAESA/VTT White Paper.

Popper, R., Bhatia, R. Myllyoja, J.; Lehenkari, J. Bäck, A., Stahlecker, T., Zenker, A., Dönitz, E., Hansmeier, H. Olesiak, M., Peczek, T., Gajek, A., Mańkowska, M., Naudeer, A. & Holmes, N. (2021). Fostering Knowledge Transfer in Poland, Europe and the World. Project on “A single knowledge transfer strategy for institutes of the Łukasiewicz Research Network Poland”, Deliverable 2. Project funded by the European Union via the Structural Reform Support Programme and implemented in cooperation with the European Commission.

Rilla, N.; Lima-Toivanen, M.; Myllyoja, J. (2018). ASEAN Cybersecurity Innovation Ecosystem: A Co-creation approach. The project “YAKSHA – Cybersecurity Awareness and Knowledge Systemic High-level Application”, Deliverable 1.2. Funded under the European Union’s Horizon 2020 research and innovation programme European Union, 2018, 68p.

Uusitalo, T.; Huttunen-Saarivirta, E.; Hanski, J.; Lima-Toivanen, M.; Myllyoja, J. & Valkokari, P. (2020). Policy Instruments and Incentives for Circular Economy - Final report. 0.9 ed. EIT RawMaterials, 2020. 59 p.

Vähä, P, Kettunen, J., Ryynänen, T., Halonen, M., Myllyoja, J., Anikainen, M. & Kaikkonen, J. (2009). Services are shaping all industries. Industry specific roadmaps for service business. VTT research notes 2508.

Chapter in scientific book not using a double blind peer-review system (2)

Ahlqvist, T. & Myllyoja J. (2011). Part II. Ch 3.: Roadmapping – Multilateral Support of the Strategic Work. In: M&A as a Strategic Option – From Opportunities to New Business Creation. Edited by Raukko, Räikkönen & Rantala. Teknologiateollisuus ry. Teknologiatieto Teknova Oy.

Myllyoja, J. & Toivanen, H., (2016). Strategies, Approaches and Experiences: Towards building a South African Digital Health Innovation Ecosystem. Herselman, M. & Botha, A. (eds.). CSIR Meraka Institute, p. 87-96

Thesis (4)

Myllyoja, J. (2022). Artistic premises of the futures theatre. Master’s Thesis. Turku University of Applied Sciences.

Myllyoja, J. (2017). Drama interventions and futures. Bachelor thesis in the field of performing arts. Metropolia University of Applied Sciences.

Myllyoja, J. (2009). Assessing the market Potential of Environmental Innovations. Master's thesis. Department of Process and Environmental engineering. University of Oulu.

Myllyoja, J. (2002). Organizational values in action. Master's thesis. Department of economics. University of Oulu.