

MANCHESTER
1824

The University of Manchester

FORESIGHT METHODS



EXECUTIVE ONLINE COURSE

3 HALF DAYS | 9 SESSIONS | 9 HOURS

We are taking a **new** methodology and methods-based approach to short executive courses to provide agile and rapid training on common methodologies and methods used in foresight and futures studies. Our method-based approach will be beneficial for anyone interested in designing, implementing, coordinating, managing or evaluating (both *ex ante* and *ex post*) processes related to foresight projects or the application of specific foresight methods.

Together with VTT Technical Research Centre of Finland Ltd we are launching a new set of online courses focused on foresight 'methods'. The course is structured around six lectures and three interactive sessions delivered in a 3-half day programme (including optional individual and group practical exercises).

For further info, contact: Deborah.Cox@manchester.ac.uk or Rafael.Popper@vtt.fi

FORESIGHT METHODS

Register for half day, two half days or the full course. Since this is a **NEW** live and interactive online course, our introductory price offer is for **400€ per half day or 900€ for the full course**. The course will take place **February 23-25, 2021** (Tuesday, Wednesday and Thursday) at 1PM-4PM GMT, including a short break. Electronic **Course Certificate** will be provided.

Half Day 1 Tuesday February 23, 2021

- **Session 1: Foresight Methodology and the Foresight Diamond ***
Session focused on different approaches and issues concerning foresight methodology.
- **Session 2: How are foresight methods selected? ***
Session focused on key attributes of methods and their linkages to the foresight process.
- **Practical: Interactive group session for Q&A and practical discussions ****
Here we will select four to six methods from the *Universal Foresight Methods Bank* – available at <https://www.universalforesight.com/uf-methods-bank/> – and invite participants to design and justify their own methodological approach in a foresight process).

Half Day 2 Wednesday February 24, 2021

- **Session 3: Cross-Impact and Critical Issues Analysis ***
Session focused on the systematic mapping of barriers, drivers, opportunities and threats.
- **Session 4: Exploratory and Normative Delphi Surveys ***
Session focused on designing and running exploratory and normative Delphi processes.
- **Practical: Interactive group session for Q&A and practical discussions ****
Here you will act as a *Sectoral/Thematic Expert* in a foresight process. The discussions will focus on co-creating and prioritising a list of critical issues that will be framing both exploratory and normative sections in a Real-Time Delphi survey.

Half Day 3 Thursday February 25, 2021

- **Session 5: Scenarios, Wild Cards and Weak Signals Analysis ***
Session focused on mapping, analysing and prioritising possible futures.
- **Session 6: Robust Advice Framing and Action Roadmapping ***
Session focused on generating context-, people-, process- and impact-relevant actions.
- **Practical: Interactive group session for Q&A and practical discussions ****
Here we will select two to three critical issues from the *Universal Foresight Insights Bank* – available at <https://www.universalforesight.com/uf-insights-bank/> – and invite participants to identify weak signals and wild cards, together with an action roadmap to build resilience with the help of an action plan to manage one of them.

* The course cases will be delivered by Principal Scientist Dr. Rafael Popper.

** The inter-acting group sessions will be facilitated by Dr. Popper and Senior Scientist Jouko Myllyoja.

In line with our knowledge transfer policy, we will produce an opinion blog in MIOIR and VTT websites to share key outcomes and insights from the discussions in the inter-acting group sessions.

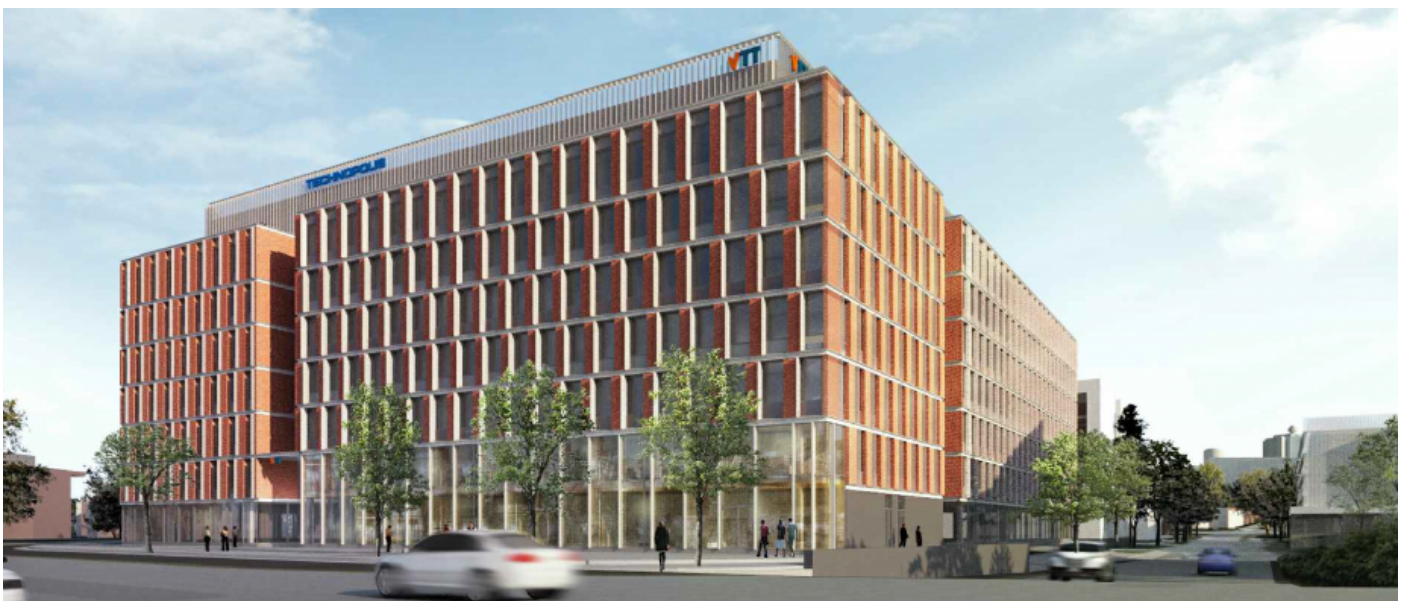
COURSE ORGANISED BY MIOIR / AMBS



The **Manchester Institute of Innovation Research (MIOIR)** is a centre of excellence in the field of innovation studies, building on a 50-year tradition of innovation and science studies in Manchester. MIOIR consists of a group of internationally renowned scholars and experts, and supports a broad expertise across a range of academic disciplines. MIOIR is in the Innovation, Management and Policy division of the **Alliance Manchester Business School (AMBS)**, one of the largest research groups for innovation management and policy globally. MIOIR is at the heart of innovation related research and form one of the largest components of the University of Manchester Research Institute (UMRI). MIOIR is a recognised international centre of excellence for the study of Science, Technology and Innovation (STI) policy and management. The Institute informs science and innovation policy by engaging with key policymakers, in the UK, Europe and further afield. Reflecting the ethos of rigour and relevance, engagement with key stakeholders is at the core of MIOIR's work.

MIOIR has been running foresight training courses since 1999. Building on over twenty years of foresight experience, MIOIR is able to call upon a wealth of expertise, from staff with know-how of the practice of foresight, as well as from sponsors and practitioners. This online course on **Foresight in Action** runs in alliance with **VTT Technical Research Centre of Finland Ltd**, a leading global research and technology development organisation. Future-oriented innovation policy research is a key focus for VTT, supported by the Centre's competencies in qualitative and quantitative methods.

IN ALLIANCE WITH VTT



VTT Technical Research Centre of Finland Ltd is one of Europe's leading research institutions. VTT is owned by the Finnish state. VTT's main task is to advance the utilisation and commercialisation of research and technology in commerce and society. Through scientific and technological means, VTT turns large global challenges into sustainable growth for businesses and society. VTT's research is guided by the company's lighthouse themes: climate action, resource sufficiency, good life, safety and security and industrial renewal.

COURSE DIRECTOR & FACILITATOR



Dr. **Rafael Popper** (PhD) is Principal Scientist in Foresight-Driven Business Strategies at VTT Technical Research Centre of Finland Ltd. Dr Popper is also Director of Executive Education in 'Foresight and Sustainable Futures', 'Foresight in Action' and 'Foresight Methods' at the Manchester Institute of Innovation Research (MIOIR) of the University of Manchester in the UK. He was also appointed as Professor of Foresight and Science, Technology and Innovation (STI) Governance at the National Research University Higher School of Economics (HSE) in Russia. He has over twenty years of experience working as foresight and innovation policy consultant for several international organizations including the European Commission, Economic Commission for Latin America and the Caribbean (ECLAC), United Nations Industrial Development Organization (UNIDO), United Nations Development Programme (UNDP), World Bank, UN Economic and Social Council, Andean Community of Nations (CAN), as well as for several (inter)governmental and business organisations in Europe, Latin America, Africa, Asia and Australia.

Contact at: Rafael.Popper@vtt.fi

CO-FACILITATOR



Mr. **Jouko Myllyoja** (MSc in Marketing, MSc in Environmental engineering, Bachelor of Arts) works as a senior scientist in VTT. He shares particular interest towards methodological development of foresight - futures knowledge creation through participatory activities and actions in particular. His responsibilities have covered designing and managing foresight projects in various substance areas.

His thematic fields of interests concern e.g. innovation ecosystems, organizational development and futures of work. His late assignments cover projects such as Cybersecurity Awareness and Knowledge Systemic High level Application (Horizon 2020) and ICT for Health in South Africa (Ministry for Foreign Affairs of Finland).

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