

MANCHESTER
1824

The University of Manchester

FORESIGHT IN ACTION



EXECUTIVE ONLINE COURSE

3 HALF DAYS | 9 SESSIONS | 12 HOURS

We are taking a **new** case study-based approach to short executive courses to provide agile and rapid training on common rationales, approaches, frameworks, methods and types of outcomes related to iconic and recently completed foresight projects in multiple application areas. Our case-based approach enables a more intense interaction between course participants as they gain insights and new knowledge on state-of-the-art foresight practices related to successfully completed foresight projects.

Together with Futures Diamond Ltd we are launching a new set of online courses focused on foresight 'best practices'. The course is structured around six case study sessions and three assessment sessions delivered over a 3-half day programme.

For further info, contact: Deborah.Cox@manchester.ac.uk

FORESIGHT IN ACTION

Register for one or more half days or the full course. Since this is a **NEW** live and interactive online course, the price offer is for **400€ per half day or 900€ for the full course**. The course will take place **November 30-December 2, 2021** (Tuesday to Thursday) at 12PM-4PM GMT, including a short break. Electronic **Course Certificate** will be provided. A special **Recognition Award** will be offered upon completion of Practical Work.

Half Day 1 Monday November 30th 2021

- **Case 1: Foresight on wicked-problems, wild cards and moon-shots ***
Session based on lessons learned from the EU-funded iKnow project
- **Case 2: Foresight on health technologies and workforce strategies ***
Session based on lessons learned from the CfWI project for the UK Department of Health
- **Practical: Interactive group session for Q&A and practical discussions/exercises ****

Half Day 2 Tuesday December 1st 2021

- **Case 3: Foresight on governance and management of sustainable innovation ***
Session based on lessons learned from the EU-funded CASI project
- **Case 4: Foresight on technology areas and roadmaps in cutting-edge sectors ***
Session based on lessons learned from the UAE Space Agency project
- **Practical: Interactive group session for Q&A and practical discussions/exercises ****

Half Day 3 Wednesday December 2nd 2021

- **Case 5: Foresight on opportunity pathways for key forest-based bioeconomy areas (FBA) ***
Session based on lessons learned from the FBA project for the Government of Uruguay
- **Case 6: Foresight on science, technology and innovation priority-setting ***
Session based on lessons learned from the EU-funded VERA project
- **Practical: Interactive group session for Q&A and practical discussions/exercises ****
- **Challenge: Group presentations with real-time evaluation alla Dragons' Den ****

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

** The interactive group sessions will be facilitated by Dr. Popper and Dr. Velasco. Participants will be given the task of producing a methodological proposal (max. 10 pages) for an imaginary project with a given budget and implementation timeframe. A template for a Dragons' Den pitch will be provided and the groups will be presenting to a panel on day 3. The main purpose of this exercise is to simulate a real life setting where project members work collaboratively in the design or implementation of a foresight process. The interactive group sessions often require participants to organise additional meetings to coordinate and work on the practical exercise, which also creates new spaces for networking and development of new cooperation opportunities.

In line with our knowledge transfer policy, we will produce an opinion blog in MIOIR and Futures Diamond 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 **Futures Diamond Ltd**, a spin-off company built on a 20+ years research, innovation and information technology (IT) experience of Dr Rafael Popper, who has designed and led numerous foresight projects for The University of Manchester, VTT Technical Research Centre of Finland Ltd, and several other organisations around the world.

IN ALLIANCE WITH FUTURES DIAMOND LTD

Futures Diamond Ltd (originally founded in the Czech Republic in 2011 and then United Kingdom in 2013), is an innovation systems company specialised in the provision of consultancy, information technology (IT) and software solutions to government, business, research and education actors at local, national and international levels. Futures Diamond is built on over 20 years of foresight and horizon scanning research, technology development and innovation (RTDI) know-how. Futures Diamond technologies support qualitative and quantitative research by combining creativity (using exploratory tools), interaction (using participatory tools), evidence (using explanatory tools) and expertise (using advisory tools).



The Futures Diamond team has experience in working across a wide range of industries, working alongside our clients to anticipate potential industry game-changers by applying different perspectives and drawing lessons from other interconnected industries and systems. In the medium-to-long-term, Futures Diamond will continue developing bespoke solutions to help organizations "climb the forward-looking ladder" with our capacity building programmes on foresight approaches and technology solutions capable of providing a customized suite of interoperable foresight tools and platforms. Our integrated and modular systems, together with our knowledge transfer (KT) services, allow organisations to develop world-class foresight and horizon scanning competences and infrastructures in relative short time.

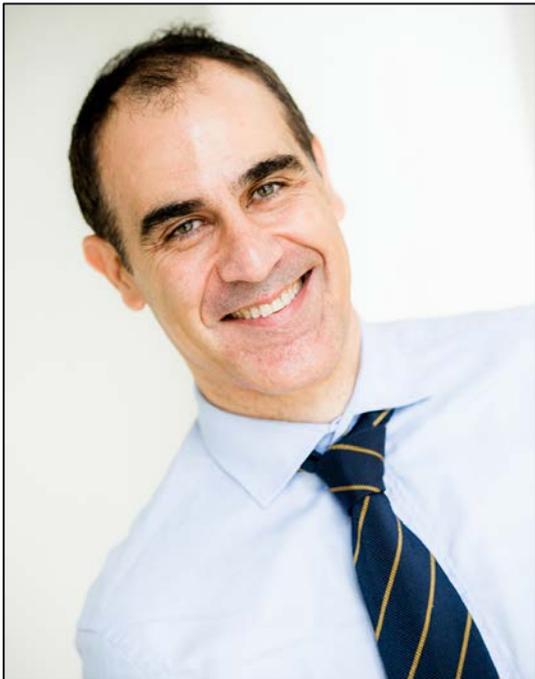
COURSE DIRECTOR & FACILITATOR



Dr. **Rafael Popper** (PhD) is Founder and Director of Futures Diamond Ltd and Director of Executive Education in 'Foresight and Sustainable Futures', 'Foresight in Action', 'Foresight Methods', and 'SMART Foresight' at the Manchester Institute of Innovation Research (MIOIR) of the University of Manchester in the UK. In 2018 he was appointed Professor of Foresight and Science, Technology and Innovation (STI) Governance at the National Research University Higher School of Economics (HSE) in Russia and he has been Principal Scientist in Business, Innovation and Foresight at VTT Technical Research Centre of Finland Ltd (2016-2021). 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, as well as for several government and business organisations in Europe, Latin America, Africa, Asia and Australia.

Contact at: Rafael.Popper@futuresdiamond.com

CO-FACILITATOR



Dr. **Guillermo Velasco** (PhD) is Scientific Manager of Innovation and Technology Transfer of the Flagship 'Human Brain Project' (European Commission) and senior researcher - Task leader - at the Universidad Politécnica de Madrid. He is also Honorary Research Fellow at the Manchester Institute of Innovation Research (MIOIR) of the University of Manchester in the UK, where he completed a doctoral thesis on the generation of sound advice with Foresight.

His background also includes a MPhil in Economics and Innovation Management and a BEng in Industrial Organization from the Technical University of Madrid. He has over twenty years of experience working on innovation management as Director of Innovation in different industrial companies, and ten years as researcher and consultant for different institutions like the European Commission and United Nations, in Europe and Latin America. He is also Senior Consultant at Futures Diamond Ltd, where he supports the co-creation of knowledge systems for foresight and sustainable innovation research activities.

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