

Who should attend ?

- Policy makers, and analysts, programme sponsors and managers,
- Practitioners in research and research funding organisations,
- Professional evaluators and innovation researchers

By successfully completing the course you will learn about:-

- The main motivations for undertaking evaluation and the distinctive features of evaluation of science and technology policies, and programmes, institutions and systems;
- Leading debates surrounding S&T evaluation and of key examples of evaluations in practice;
- how evaluation has evolved in relation to changing policies for science, technology and innovation;
- the application of evaluation concepts in the context of a practical situations;
- insights into some of the tools and methods including bibliometrics and survey/questionnaire methods.

Price

£2,050 GBP

Early bird rate

£1,900 GBP

(for confirmed bookings before February 15 2014)

We are also happy to discuss the possibility of delivering our course, or a customised version, to your organisation.

For further information or to request an application form contact :-

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The University
of Manchester

MANCHESTER
1824

Manchester Institute of Innovation Research
MIOIR



Executive Education Course

Evaluation of Science and
Innovation Policies

19th – 23rd May 2014

Introduction to the course

Evaluation of science and innovation policies, programmes and institutions is increasingly important for research managers and policy makers. It is one of the main applied areas in science and innovation policy, which draws upon multidisciplinary skills. Both the quality and the impacts of research frequently have to be judged. Evaluation requires strong practical skills and methodology combined with a sound theoretical understanding of the relationship between research and its socio-economic effects.

Teaching staff

Kate Barker : Senior Lecturer – impact assessment, research organisations

Deborah Cox: Research Manager – research labs, bibliometrics

Dr Paul Cunningham : Senior Researcher – innovation and science policy

Prof Jakob Edler : Executive Director – innovation policy and strategy

Dr Abdullah Gok : Research Associate – impact assessment

Dr John Rigby: Senior Researcher – bibliometrics, programme evaluation

Prof Maria Nedeva : Professor of Science & Innovation Dynamics and Policy

Prof Philip Shapira: Senior Researcher – economic assessment and evaluation policy

From its position as one of the leading European centres in the study and implementation of evaluation methodologies, Manchester Institute of Innovation Research (MIoIR) offers a comprehensive course which covers the main concepts and

approaches applied in research evaluation. We emphasise evaluation as a social process which must be carefully thought out, rather than the indiscriminate application of techniques.

Course details

The course is offered over five days and held in our dedicated conference/training suite in Manchester, one of England's most vibrant cities. The course is led by Professor Jakob Edler, and delivered together with senior staff and invited external experts. Lectures and readings are used to set the scene, while group exercises and case studies will provide participants with the opportunity to experience some aspects of evaluation design and implementation at first hand.



High level guest lecturers from the UK Government, the European Commission and the private sector will provide diverse perspectives of the role of evaluation in policy and management.

Previous guest lecturers have included:-

Dr Erik Arnold – Managing Director at Technopolis in the UK and Chairman of the Technopolis Group.

Dr Neville Reeve – Directorate-General for Research Unit for Evaluation and Monitoring of Programmes

Dr Rupert Pichler – Head of Department Research and Technology Funding at the Austrian Federal Ministry for Transport, Innovation and Technology

A portfolio of core background materials is provided. The approach emphasises learning by doing, with close interaction between tutors and participants. A series of group mini-projects are completed and reported upon within the week.

The course covers the following main elements

- *Theory and concepts of evaluation*
- *Evaluation needs of different kinds of policies*
- *Evaluation of:-*
 - *research and innovation programmes*
 - *research organisation*
- *Basic evaluation tools and approaches*
- *Organisation and design of evaluations*
- *Peer review and panel evaluations*
- *Case studies from national experiences (including the UK Research Assessment Exercise)*
- *Understanding impact: Social and economic impacts of research*
- *Key methods, highlighting:-*
 - *Quantitative indicators and bibliometrics*
 - *Method mix: quantitative and qualitative*
- *Developing a user focus in evaluation*
 - *Impacts of evaluation*
 - *How to best use evaluations*

Teaching Staff

Course directors

- Dr Rafael Popper, Research Fellow, MIoIR;
- Professor Ian Miles, Professor of Technology and Social Change, MIoIR
- Dr Effie Amanatidou, Research Associate, MIoIR;
- Dr Ozcan Saritas, Senior Research Fellow, MIoIR

Other teaching staff from the MIoIR Foresight team are expected to include:-

- Dr Jonathan Ayles, (MIoIR Director, and Senior Lecturer, The University of Manchester)
- Professor Luke Georgioui, Professor of Science and Technology Policy and Management (MIoIR)
- Professor Denis Loveridge, (who was largely responsible for founding this course)
- Dr Joe Ravetz, (Researcher, School of Environment and Development, University of Manchester)

There will also be several external speakers with distinctive Foresight experience, together with use of expertise from other Foresight-active groups in the University of Manchester.

MIoIR and PREST

PREST became part of the Manchester Institute of Innovation Research (MIoIR), at the time of the merger between UMIST and the University of Manchester in October 2004. MIoIR is part of the Manchester Business School. PREST's long involvement in the Foresight field, particularly since the early 1990s, forms an integral part of MIoIR activities, and many of our research projects have a foresight component – in addition to those that are primarily oriented to foresight or foresight methodology.

Price £2,050 GBP

Early bird rate £1900 GBP
(for confirmed bookings before 25/4/2014)

We are also happy to discuss the possibility of delivering our course, or a customised version, to your organisation.

For further information or to request an application form contact :-

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Executive Education Course

Foresight

Exploring the Future,
Shaping the Present

A Course for Sponsors and Practitioners of Foresight

30th June – 4th July 2014

Introduction to the course

The world continues to experience great uncertainty about the unfolding economic crisis and its wider reverberations. Many countries, industries and public services face uncertain and difficult futures. Economic discontent has combined with existing political stresses to catch many institutions - and countries - wrong-footed. Meanwhile, globalisation, demographic, environmental and technological trends are reshaping the rules of the game. This intensifies the need for reflection upon all sorts of assumptions, plans and strategies for the long-term future.

The Manchester Institute of Innovation Research (MIIoR) has been running an annual foresight training course for over a decade. Our fifteenth course, in 2014, will explore ways in which foresight can help decision-makers confronted with the uncertainties outlined above. What do we have to look for on and over the horizon? How can this be tackled systematically, with results that are really useful for decision-makers? What is the role for scenario analysis and planning?

The course will provide a concentrated and intensive, practically-orientated learning experience. It will explicate why, and how, we should apply such methods. We will, this year, consider how to move beyond "narrow" technology foresight: how to address interrelations between social and environmental issues, and the application of foresight tools to such topics as health and energy security. The approaches presented will be generally applicable, but illustrated with specific cases.

The course emphasises the application of foresight to inform strategies, policies, and priorities. Coordinated lectures and practical work will enable participants to experience the relevance and the realities of foresight activity.

The course is aimed at people whose work is liable to affect the future of business, government or Non-Governmental Organisations. For instance, they may work, or expect to work, as:

- **sponsors of foresight projects**
- **foresight practitioners**
- **entrepreneurs**
- **senior managers**
- **company directors**

The Institute's unique position in foresight activity has resulted in wide international participation in the course in previous years. This includes people from: Canada, the Caribbean, the Czech Republic, Denmark, Finland, Hungary, Indonesia, Iran, Ireland, Latin America, Luxembourg, Malaysia, Malta, The Netherlands, Norway, Portugal, the Russian Federation, South Africa, South Korea, Spain, Sweden, Thailand, Turkey, the UK and many other countries.

The course is residential and is held in our facilities in Manchester. The course draws upon MIIoR's extensive experience of organising, consulting, researching and teaching/training in foresight activities across Europe, Latin America, Africa and the Middle and Far East. We have provided direct assistance to more than a dozen countries' national Foresight exercises, and have longstanding co-operation with the EC and UNIDO

Structure and content

The course runs over five days. A provisional outline is presented below:

Day 1 : The Mission : how the course is structured to enable participants to influence the future roles their organisations play locally, nationally and globally.

- the role of foresight in and for a changing world and uncertain future.
- the origins and various forms taken by foresight in practice, and the resources that are available for practitioners and users.
- the necessary steps for design and management of foresight exercises of various types.

Day 2 : Model building : how any foresight is dependent on models of one sort or another (not necessarily quantified or simulation approaches).

- bringing implicit models to the fore, visualising and sharing them.
- using models to forecast and explore alternatives.

Day 3 : Horizon-scanning : what sorts of information and data do we need to use?

- How can we organise and structure "raw" intelligence to examine trends, disruptive developments, wild cards, and other features of the future?

Days 4 and 5 : Scenarios : scenarios as mental models varieties of scenario, scenario analysis, and scenario application.

- how to go about scenario building?
- how to use scenarios in shaping the future of an organisation?