

ENBIS Spring Meeting 2013

Measurement systems and process improvement: Towards best practice and standards

7–8 May 2013

National Physical Laboratory, London, England www.npl.co.uk

2013 is the International Year of Statistics. It is also the 20th anniversary of publication of The Guide to the Expression of Uncertainty in Measurement (the GUM). To help mark these events, this workshop brings together measurement scientists, engineers, quality professionals and statisticians to examine the role of measurement systems in statistical process control, product conformance assessment and quality improvement. The workshop will cover topics related to:

- Measurement systems analysis, uncertainty evaluation and the assessment of data integrity
- Conformance assessment and product verification
- In-process measuring systems and process control
- Best practice guidance, standards and industrial case studies

The workshop will consist of 30 minute invited/plenary talks, 20 minute contributed talks and poster presentations.

Organisation

The workshop is held as a joint ENBIS – IMEKO TC21 activity. The aim of ENBIS, the European Network for Business and Industrial Statistics, www.enbis.org, is to foster and facilitate the application and understanding of statistical methods to the benefit of business and industry. IMEKO is the International Measurement Confederation www.imeko.org. Technical Committee 21, Mathematical Tools for Measurements promotes the harmonisation, the co-ordinated use and the development of new mathematical and statistical tools for measurements. The meeting will be held at NPL, the UK's national metrology institute, responsible for the development and dissemination of measurement standards. NPL is located in Teddington, Southwest London, UK, with good links to air and rail transport; see www.npl.co.uk.

Keynote presentations

The following speakers have agreed to give keynote presentations:

- Chris Harris, ISO TC 69: *Six Sigma and beyond: how the standardisation process has helped produce ISO 13053 - Six Sigma Methodology, and what is now coming along*
- Prof Maurice Cox, NPL: *Revision of the Guide to the expression of uncertainty in measurement – impact on national metrology institutes and industry*

Abstract submission (extended deadline)

Abstracts of up to one A4 page (pdf, Word, LaTeX) are invited by **8th April 2013**, by email to mspi2013@npl.co.uk. Authors will receive notice of acceptance and presentation guidelines by **12th April 2013**. Following review by the International Programme Committee, authors of selected papers will be invited to submit full papers to the International Journal of Metrology and Quality Engineering, or QREI, depending on preference, content and recommendation of the International Programme Committee. Abstracts for **poster presentation only** will be accepted up until **26th April 2013**. Presentations presenting case studies from industry, enterprise and service sectors are strongly encouraged.

Follow <http://www.npl.co.uk/events/7-8-may-2103-mspi-2013> for further details and registration.

Venue

The MSPI 2013 workshop will be held at the National Physical Laboratory (NPL) which is situated 20 km south west of central London and adjacent to the historic Royal Palace of Hampton Court.



The National Physical Laboratory www.npl.co.uk (NPL) is the UK's National Measurement Institute and is a world-leading centre of excellence in developing and applying the most accurate measurement standards, science and technology. For more than a century NPL has developed and maintained the nation's primary measurement standards. These standards underpin an infrastructure of traceability throughout the UK and the world that ensures accuracy and consistency of measurement.

Travel

NPL is within easy reach of London's main airports and is well served by road and rail links. For directions / maps please visit www.npl.co.uk/contact-us.

Workshop dinner

A workshop dinner will be held on the evening of Tuesday 7th May, at a restaurant in Teddington.

International Programme Committee

Prof Alistair Forbes	National Physical Laboratory, UK, Chair
Dr Shirley Coleman	Newcastle University, UK, Co-Chair
Dr Rainer Göb	University of Würzburg, DE, Co-Chair
Dr Abderafi Charki	University of Angers, FR, IJMQE
Dr Gill Cooke	Coventry University, UK
Dr Nicolas Fischer	LNE, FR
Dr Maurizio Galetto	Polytecnico di Torino, IT
Dr Seb Giudici	Rolls-Royce, UK
Prof Jane Jiang	University of Huddersfield, UK
Prof Paul Maropoulos	University of Bath, UK
Prof Alan Myers	University of Huddersfield, UK
Dr Franco Pavese	INRIM, IT, IMEKO TC 21
Dr Leslie Pendrill	SP, Sweden
Sara Walton	British Standards Institute, UK

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