

Call for Abstracts

Joint Workshop of itENBIS and INRIM

Mathematical and Statistical Methods for Metrology

INRIM, 30-31 May 2019

Recognizing the increasing need of *ad hoc* and innovative mathematical and statistical tools for current and emerging metrological applications in the several areas of the Science of Measurements, itENBIS (<http://www.enbis.org/about/In/itenbis/index>) and INRIM (<https://www.inrim.it/>) propose a joint Workshop on Mathematical and Statistical Methods for Metrology.

Highlights of the workshop include invited speakers, organized and free contribute sessions concerning the main topics of Mathematics and Statistics for metrological applications. Session topics include but are not limited to:

- Interlaboratory data evaluation
- Uncertainty and measurement quality evaluation
- Regression and inverse models
- High dimensional, dynamic and complex models
- Bayesian models
- Simulated experiments and computational methods
- Machine Learning, artificial intelligence and Big Data analytics
- Statistical engineering
- Design of experiments
- Sampling and sequential design
- Time series analysis
- Conformity assessment, reliability and quality control
- Chemometrics
- Biostatistics

Instructions on when and how to upload the abstracts, as well as details on registration, travel and accommodation will be issued shortly on the website of the Workshop. For the moment, we kindly ask you to save the following dates:

- **18 February 2019** – submission of a title and an extended abstract (max 2 pages) including main references and keynotes
- **15 March 2019** – acceptance notification to the authors
- **3 May 2019** – last date for the payment of the registration fees
- **30-31 May 2019** - Workshop at the INRIM
- In **June** – call for submission of paper to special issue of relevant scientific journals

Queries can be addressed to Grazia Vicario (grazia.vicario@polito.it) or Francesca Pennechi (f.pennechi@inrim.it). On behalf of itENBIS and INRIM, we hope to see you all in Torino in May 2019!

Grazia Vicario and Francesca Pennechi