

WORKSHOP QUANTITATIVE METHODS IN X-RAY SPECTROMETRY

EXSA, the European X-ray Spectrometry Association, is a non-profit organization, founded and supported by X-ray spectroscopists from science and from industry. With this workshop on quantitative methods in X-ray spectrometry, EXSA pursues its main objective to promote innovation and cooperation among spectroscopists and analysts within Europe.

This two-day workshop on quantitative methods will be held in **Berlin on October 11/12, 2017**. It is organized in combination with an autumn school on the same subject, taking place during the two days before and the meeting of the fundamental parameter initiative the day after. The workshop will foster the interaction between young scientists and experienced researchers and between academic and industrial scientists. It will stimulate scientific exchanges and debates on the current challenges of XRF quantification.



Workshop topics

- In-situ metrology
- Quantitative micro-XRF and imaging
- Grazing incidence and grazing emission XRF
- Fundamental parameters
- Quantification with Monte Carlo methods
- Quantification with FP methods

Invited speaker

Key Note Lecture

Peter Brouwer, PANalytical, The Netherlands
Quantitative FP-XRF beyond Sherman's Equation

- Yves Kayser, PTB, Germany
- Mauro Guerra, Universidade Nova de Lisboa, Portugal
- Ioanna Mantouvalou, TU Berlin, Germany
- Björn De Samber, Ghent University, Belgium

Round table discussions

Views and opinions of renowned experts, the debate between them and the audience about needs, the state of research, strategies, and perspectives, is what we expect from two round table discussions.

When will we have better Fundamental Parameters? What is their benefit?
Chair: Michael Mantler

Quantitative X-ray microscopy -
can we get more than images?
Chair: Birgit Kanngießer

Oral and poster sessions

A number of oral presentations will be selected from the abstracts. The workshop includes extensive poster sessions as a place to present and discuss ongoing research. In particular, the participants of the autumn school are encouraged to take the chance to discuss their work with experienced researchers. Experienced researchers are invited to present their last developments in the field, to highlight critical points of their concern for lively and advanced discussions. Dedicated poster sessions are scheduled, starting already during registration, to stimulate scientific exchanges.

Venue and Registration

The workshop will take place at the Physikalisch-Technische Bundesanstalt Berlin, Charlottenburg on October 11 - 12, 2017.

Abstract submission and registration are open. Please visit the workshop homepage for more information and for instructions.

www.exsa.hu/quant2017



WORKSHOP
11-12th October 2017

VENUE
Berlin, Germany

REGISTER AT
www.exsa.hu/quant2017

CONTACT
quant2017@exsa.hu

IMPORTANT DEADLINES

ABSTRACT SUBMISSION
15th August 2017

DECISION
10th September 2017

REGISTRATION
15th September 2017

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