



International initiative on x-ray fundamental parameters

Second Workshop to take place in Berlin, Germany, May 7-8, 2009.

(please register online at <http://exsa.pytalhost.net/fp-ini.php> until April 16, 2009)

The announcement of this workshop will be distributed among the attendees of the first workshop in Paris and those already having documented their interest in this initiative. Please feel free to forward this information to others who may be interested.

The workshop will take place in the [Hermann-von-Helmholtz building at PTB in Berlin-Charlottenburg](#). General information about Berlin can be found at www.Berlin.de, on accommodation at www.hrs.de or maps.google.com and on public transport please refer to www.bvg.de.

Workshop agenda:

Thursday May 7, 2009

- 11:00 h** Welcome to Berlin! *B.Beckhoff, PTB*
Further welcome addresses
- 11:15 h** Meeting of individual expert groups, to be prepared by speakers
- 12:30 h** Lunch
- 13:15 h** Summary of the first FP workshop (participants; initial agreements; formation of expert groups). *M.-C. Lépy, LNE*
- 13:30 h** Objectives of the second FP workshop. *M. Mantler, TU Wien*
- 13:45 h** Individual statements of new participants (expectations, status, etc.)
- 14:45 h** Coffee break
- 15:15 h** Report of the expert group 'Prioritisation of FP requirements (energies, elements, uncertainties)' including future perspectives; related presentations and discussion, *C. Jaynes, U Surrey*

16:30 h Report of the expert group ‘Experimental facilities (need for improved instrumentation)’; related presentations and discussion, *M.-C. Lépy, LNE*

17:45 h Reception and informal discussions

Friday May 8, 2009

9:00 h Report of the expert group ‘Theory & codes – challenges: competent use and update of existing software’; related presentations and discussion, *A. Karydas, NCSR Demokritos*

10:00 h Reports of the expert group ‘Compilations (need for new strategies), data processing’; related presentations and discussion, *J.L. Campbell, U Guelph, and P. Caussin, Bruker AXS*

11:00 h Coffee break

11:30 h Short report of the expert group ‘Definition of technical terms’ (National Metrology Institutes) and related discussion, *B.Beckhoff, PTB*

12:00 h Short report of the expert group ‘Establishment of common data base accessible to the public’; related presentations and discussion, *M. Mantler, TU Wien*

12:30 h Lunch break

13:30 h Defining a common project (moderation *M. Mantler, TU Wien*):

- New tasks for expert groups (e.g. FP related x-ray roadmaps, etc.)
- Preparation of joint financial applications (by expert groups 1 to 3)
- Coordination of parallel activities in Europe, Japan and N. America (and possibly more)
- Discussions

15:15 h Follow-up workshop of the FP initiative. *M.-C. Lépy, LNE, and T. Jach, NIST*

15:30 h Conclusions and summary of next steps, *B.Beckhoff, PTB*

Optional trip to [Berlin-Adlershof](#) at 16:00 h until about 17:30 h:

Visit of [PTB laboratories at the electron storage rings BESSY-II and MLS](#) (please pre-register online for this excursion at the [interest form](#))