



International initiative on x-ray fundamental parameters

Fifth workshop to take place in Berlin, Germany, February 28, 2013

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.

For [registration](#) please use the [online form](#) until February 25, 2013.

Workshop agenda:

Thursday, February 28:

- 10:45 h** Welcome to Berlin. *B. Beckhoff, PTB*
- 10:50 h** Objectives of the workshop. *B. Beckhoff, PTB and M.-C. Lépy, LNE*
- 11:00 h** Summary of the [2011 FP workshop at NIST \(Washington DC, US\)](#)
- 11:10 h** Summary of the [2012 FP event at the EXRS 2012 \(Vienna, Austria\)](#)
- 11:15 h** Summary of the [2012 FP event at the DXC \(Denver, US\) conference](#)
- 11:20 h** Expert group objectives and [FP roadmap](#) status. *B. Beckhoff, PTB*
- 11:30 h** Presentations by experts:

José Paulo Santos, Univ. Nova Lisbon: Calculation of Ge fluorescence yields

Michael Kolbe, PTB: Experimental determination of L-shell FP data of medium and high Z elements

Yves Ménesguen, LNE: Contributing to a consistent data base by new Cu FP determinations

12:15 h Meeting of expert groups

- **Project management and fund raising – *group 1***
- **New experimental determinations and methodology – *group 2***
- **Theory & codes – challenges: competent use and update of parameters – *group 3***
- **Integration of new experimental as well as theoretical parameters into critically evaluated compilations – *group 4***
- **Establishment of a common data base accessible to the public – *group 5***

13:15 h *Lunch and informal discussions*

14:15 h Reports of the expert groups and further expert contributions

15:00 h Status of international FP projects (EMRP [IND07](#), [NEW01](#), and others)

15:10 h Continuing a common FP project, moderation by *M. Mantler*:

- **Task update for expert groups (process of road map updating)**
- **Discussion of financial applications (EU, US, Japan, national science foundations)**
- **Coordination of follow-up activities**

15:45 h [FP Workshop at NIMS in Tsukuba, Japan, on Sept. 20, 2013](#)

15:50 h FP Workshop at LNHB in Paris, France, spring 2014. *M.-C. Lépy, LNE*

15:55 h Conclusions and Summary. *B. Beckhoff, PTB*

16:00 h *end of workshop*