



# MetroBeta

Radionuclide beta spectra metrology

[www.metrobeta-empir.eu](http://www.metrobeta-empir.eu)

## 2<sup>nd</sup> MetroBeta WORKSHOP

9:00 – 12:30

14 September 2018

National Institute of Standards and Technology (NIST), Gaithersburg, MD 20899, USA

## Programme

- 9:00** Welcome and Introduction to the MetroBeta Project  
*M.A. Kellett, Commissariat à l'énergie atomique (France)*
- 9:30** Theoretical calculations of beta spectra  
*X. Mougeot, Commissariat à l'énergie atomique (France)*
- 10:00** High-resolution beta spectrometry based on Metallic Magnetic Calorimeters  
*K. Kossert, Physikalisch-Technische Bundesanstalt (Germany) on behalf of project partners*
- 10:30** Coffee break
- 11:00** Measurements of beta spectra with Si(Li) detectors, solid scintillator crystals and a magnetic spectrometer  
*M.A. Kellett, Commissariat à l'énergie atomique (France) on behalf of project partners*
- 11:30** Comparison and validation of beta spectra measurements  
*K. Kossert, Physikalisch-Technische Bundesanstalt (Germany)*
- 12:00** Impact of the Project and Discussion  
*M.A. Kellett, Commissariat à l'énergie atomique (France)*
- 12:30** Close of the Workshop

There is no registration fee for this workshop.

For further information, please contact:  
**[mark.kellett@cea.fr](mailto:mark.kellett@cea.fr)**