

EMPIR Call 2017 “Fundamental Metrology”

December 2nd, 2016

h. 11-16

Istituto Nazionale di Ricerca Metrologica (INRIM)

Strada delle Cacce 91, Torino, Italy

The workshop will introduce the EMPIR Call 2017 “Fundamental Metrology”.

The Call aims at

- ✓ fostering excellent science exploring new techniques or methods for metrology
- ✓ bringing together the best scientists in Europe and beyond

Though no specific topics are predefined, high risk research proposals are expected, such as:

1. Quantum enhanced SI standards
2. Fundamental metrology on the single photon / single atom / single molecule level
3. Basic research on the interaction between light and matter, on novel materials, and on new structures
4. New optical clocks
5. Metrology for space science and technology

The Call will be scheduled as follows:

February 2017 open call to submit research topics

May 2017 preliminary selection of the submitted topics

June-September 2017 call for “full research proposals” on the selected topics

November 2017 selection of the fundable proposals

April-June 2018 negotiation and starting of the projects

Participants in the workshop are invited to suggest research topics. INRIM will investigate the required involvement of European metrological laboratories.

For information and registration send an email to s.cavallero@inrim.it

The research proposals are funded by EURAMET through article 185 of the Treaty on the Functioning of the European Union (TFEU). The average funding is 2 M€ over three years. 40% of the funding is reserved for participants from outside the metrological institutions (e.g., universities and research institutes).