



## GUEST LECTURE

**Dr. Jörn Stenger**

Physikalisch Technische Bundesanstalt  
Braunschweig  
(Guest of Prof. Dr. Piet O. Schmidt)

Leibniz Universität Hannover  
Institut für Quantenoptik  
Welfengarten 1 (building 1101)  
Seminar room D326  
***1<sup>st</sup> of November 2018, 3:30 p.m.***

### The revision of the SI

The General Conference on Weights and Measures, the CGPM, is expected to pass at their meeting in Versailles mid of November this year a major revision of the international system of units, the SI. This historical decision, to be taken by government representatives of the signatory states of the Metre Convention, will come into force on the world metrology day on May 20, 2019.

The revision is the most fundamental change of the definition of the SI units since their introduction in 1960. The presentation will describe the historical development and will explain the motivation for the revision and the key changes to be made. In addition, the practical consequences will be addressed.

**All DQ-mat members and all interested are cordially invited to attend.**