

Symposium organized by the Consultative Committee for Units (CCU) to celebrate the work achieved in support of the redefined SI

Symposium on

The fundamental constants of physics: what are they and what is their role in redefining the SI

Venue: Pavillon du Mail, BIPM, Sèvres, France

Start: Thursday 7 September 2017 at 9:00

End: Thursday 7 September 2017 at 18:00

Draft Agenda

1. Welcoming remarks (*Martin J. T. Milton*)
2. Introduction (*Joachim Ullrich*)
3. From Artefacts to Atoms –at last! (*Terry J. Quinn*)

Coffee break
4. Variations on the Planck constant (*Jean-Marc Lévy-Leblond*)
5. Fundamental constants, gravitation and cosmology (*Jean Philippe Uzan*)

Lunch break
6. Lambda, the fifth fundamental constant considered by Einstein (*Gilles Cohen-Tannoudji*)
7. Fundamental strings and fundamental constants (*Gabriele Veneziano*)

Coffee break
8. The quantum Hall effect and the new SI (*Klaus von Klitzing*)
9. Closing remarks (*Martin J. T. Milton*)