

Session Program

12-17 Sept 2016



Varying Constants and Fundamental Cosmology - VARCOSMOFUN'16

[VC-E] Varying constants - laboratory experiments

Szczecin, Poland
Maritime University of Szczecin Campus, Szczerbcowa 4, 70-503 Szczecin

Tuesday 13 September

14:00

[VC-E] Varying constants - laboratory experiments

Session | **Location:** Room 7, Szczerbowa 4, 70-503 Szczecin | **Convener:** Ekkehard Peik

14:00-14:30

Searching for variations of fundamental constants and dark matter using an atomic clock ensemble

Speaker

Jocelyne Guéna

14:30-15:00

Tabletop experiments using atomic dysprosium and ytterbium for tests of fundamental physics.

Speaker

Dr Lykourgos Bougas

15:00-15:30

Towards quantum logic spectroscopy of molecular ions

Speaker

Prof. Piet Schmidt

15:30

16:10

[VC-E] Varying constants - laboratory experiments

Session | **Location:** Room 7, Szczerbowa 4, 70-503 Szczecin | **Convener:** Ekkehard Peik

16:10-16:40

Constraint on transient variations of fine-structure constants with optical atomic clocks

Speaker

Piotr Wcislo

16:40