



RELATIVISTIC POSITIONING SYSTEMS AND THEIR SCIENTIFIC APPLICATIONS

Brdo near Kranj, Slovenia, 19-21 September 2012

We are pleased to announce that a three-days workshop on relativistic positioning systems and their scientific applications will be held at Brdo near Kranj, Slovenia, on 19-21 September 2012.

The workshop is organized by the Faculty of Mathematics and Physics of the University of Ljubljana (UL) and ESA (Advanced Concepts Team). The goal of the workshop is to bring together those interested in the development of Relativistic Positioning Systems (RPS) and, in particular, to share ideas and establish future lines of research and collaborations. More information on <http://rgnss.fmf.uni-lj.si/announcements>

Topics of the workshop include:

- ▶ coordinate systems in relativity and their application to celestial mechanics,
- ▶ Hamiltonian techniques in relativistic celestial mechanics,
- ▶ formulation of fully relativistic positioning systems,
- ▶ application of RPS to research in gravitation geodesy, seismology, precision timing and positioning in experimental physics, and other research fields.

Any other contributions in line with the aims of the workshop will be considered.

Scientific Organizing Committee:

Bertram Arbesser-Rastburg (ESA)
Sante Carloni (ESA)
Pacôme Delva (Obs. Paris)
Clovis Jacinto de Matos (ESA)
Rune Floberghagen (ESA)
Uroš Kostić (UL)
Leopold Summerer (ESA)

Local Organizing Committee:

Andreja Gomboc (UL), Martin Horvat (UL), Uroš Kostić (UL)