



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.

The deadline for abstract submission is 1st July 2012.

More information can be found on <http://rgnss.fmf.uni-lj.si/workshop>

Topics of the workshop include:

- ▶ Formulation of relativistic positioning systems and properties of emission coordinates
- ▶ Application to GNSS, relativistic reference frames, pulsar-based navigation and localization
- ▶ Inter-satellite links and autonomous GNSS
- ▶ Relativistic celestial mechanics (coordinate systems, Hamiltonian techniques...)
- ▶ Application to Earth sciences, astronomy and metrology.

Also 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)