

POSTFACE

JOURNÉES 2014 SYSTÈMES DE RÉFÉRENCE SPATIO-TEMPORELS

“Recent developments and prospects in ground-based and space astrometry”

organized by Pulkovo Observatory (Russia), 22-24 September 2014

Scientific Organizing Committee

N. Capitaine, France (Chair); Z. Malkin (Co-Chair), Russia; A. Brzeziński, Poland; V. Dehant, Belgium; A. Escapa, Spain; C. Hohenkerk, UK; C. Huang, China; I. Kumkova, Russia; D.D. McCarthy, USA; M. Soffel, Germany; J. Souchay, France; J. Vondrák, Czech R.; Ya. Yatskiv, Ukraine

Local Organizing Committee

A. Devyatkin (Chair), T. Borisevich, A. Vershkov, Z. Malkin, K. Maslennikov, N. Miller, V. Pashkevich, V. Pleshakov, I. Shevchenko

Conference location : Pulkovo Observatory, Pulkovskoe Shosse, 65, 196140, St. Petersburg, Russia

Scientific objectives

The Journées 2014 “Systèmes de référence spatio-temporels”, with the sub-title “Recent developments and prospects in ground-based and space astrometry”, will be organized at Pulkovo Observatory, from 22 to 24 September 2014. It will be the twenty-third meeting in these Journées conference series which provide an international forum for advanced discussion in the fields of space and time reference systems, Earth rotation, dynamics of the solar system, astrometry and time. In 2014, the Journées will be focused on the issues related to the celestial reference frame and system, relativity and time scales, Earth rotation and geodynamics, numerical standards, ephemerides and dynamical models for planetary systems, future development of astronomical software, etc.

This will include special consideration of the progress of the ESA Gaia mission and of the VLBI2010 project, as well as of the realization of the next ICRF.

The Journées 2014 are sponsored by Pulkovo Observatory, Russian Academy of Sciences, Paris Observatory/SYRTE and are included in the program of celebrating the 175th anniversary of Pulkovo Observatory. They are co-sponsored by the International Astronomical Union (IAU) and the International Association of Geodesy (IAG).

Scientific programme

The scientific programme of the Journées 2014 includes the following sessions:

Session 1 - Celestial reference system and frame,

Session 2 - Relativity and time scales,

Session 3 - Solar and extrasolar systems dynamics,

Session 4 - Earth’s rotation and geodynamics,

Session 5 - Astronomical almanacs and software,

as well as a sub-session on the ‘IAU/IAG Joint Working Group on Theory of Earth Rotation’.

This also includes discussion related to IAU Division A Working Groups relevant to the topic of the Journées.

Contact

For information related to the scientific program, Nicole Capitaine: n.capitaine@obspm.fr,
for all requests related to the Conference organization, Zinovy Malkin: malkin@gao.spb.ru.

See also the web page at: <http://www.gao.spb.ru/english/as/j2014/home.htm> that is regularly updated, including the provisional programme, list of participants and information on the venue, accommodation, etc.