

POSTFACE

JOURNÉES 2013 SYSTÈMES DE RÉFÉRENCE SPATIO-TEMPORELS
“Scientific developments based on high accurate space-time reference frames”
Observatoire de Paris (France), 16-18 September 2013

Scientific Organizing Committee

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Local Organizing Committee

Chair: N. Dimarcq (SYRTE, Observatoire de Paris)

Conference location : Observatoire de Paris, Paris, France

Scientific objectives

The Journées 2013 “Systèmes de référence spatio-temporels”, with the sub-title “Scientific developments based on high accurate space-time reference frames”, will be organized at Paris Observatory, from 16 to 18 September 2013. These Journées will be the twenty-second conference in this series whose main purpose is to provide a forum for advanced discussion in the fields of space and time reference systems, Earth rotation, astrometry and time.

During the latest IAU General Assembly, big progresses have been reported in JD7 “Space-time reference systems for future research”, and also Division 1 meetings, regarding theoretical aspects of reference systems, requirements on space-time reference systems for future space missions, advanced dynamical models for the solar system, time and frequency transfer, Earth rotation modelling, astrometric catalogues, ephemerides, atomic time, pulsar-based timescale, etc.

Some of those issues have appeared as being essential for future scientific discussions. In addition, proposals for new working groups have been made (on ICRS, UTC, pulsar time, nomenclature, Earth rotation modelling, ...) that are quite relevant to the field of the Journées.

The scientific programme of the Journées 2013 will include sessions on the scientific developments in geodesy, astronomy and astrophysics based on high accurate reference frames and time scales. In addition, there will be presentations and discussions related to the new IAU Division A Working Groups that have been established at the 28th IAU GA.

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or see the web page of the Journées 2013 at: <http://syрте.obspm.fr/journees2013/> (that will be regularly updated).