



# International Symposium on Space Geodesy and Earth System (SGES2012)

August 18-20, 2012, Shanghai, China

<http://www.shao.ac.cn/meetings>

The International Symposium on "Space Geodesy and Earth System" (SGES 2012) will be a forum for assessing current technological capabilities (VLBI, SLR, DORIS, GNSS, InSAR, LIDAR, altimetry & gravimetry) and presenting recent results of space geodetic observations and understanding physical processes and coupling in the Earth system, and future impacts on climate. Topics include data retrieval of space geodetic techniques, reference frame, atmospheric-ionospheric sounding & climatology, gravity field, crustal deformation, earthquake geodesy, GIA, Earth rotation, hydrological cycle, ocean circulation, sea level change, and ice sheet mass balance as well as their coupling in the Earth system.

## Scientific Organizing Committee

- Zuheir Altamimi (IGN, France)
- Richard Gross (JPL, NASA, USA)
- Manabu Hashimoto (Kyoto Univ., Japan)
- Shuanggen Jin (SHAO, CAS, China) (Chair)
- Roland Klees (Delft Uni. Tech., Netherlands)
- Christopher Kotsakis (Aristotle UT., Greece)
- Michael Pearlman (CFA, Harvard Uni., USA)
- Wenke Sun (Grad. Uni. CAS, China)
- Harald Schuh (Vienna Uni. Tech., Austria)
- Tonie van Dam (UL, Luxembourg)
- Shimon Wdowinski (Univ. of Miami, USA)
- Jens Wickert (GFZ Potsdam, Germany)
- Jeffrey T. Freymueller (Uni. of Alaska, USA)

## Local Organizing Committee

- Liang Chang (SHAO)
- Wenli Dong (SHAO)
- Guiping Feng (SHAO)
- Shuanggen Jin (SHAO) (Chair)
- Xiaoya Wang (SHAO)
- Guangli Wang (SHAO)
- Ruixian Zhou (SHAO)
- Yonghong Zhou (SHAO)

## Topics

- Space geodetic techniques and reference frame (Zuheir Altamimi, Michael Pearlman)
- GNSS atmo-/ionospheric sounding and Climatology (Jens Wickert, Tom Yunck)
- Satellite gravimetry, gravity field and geoid (Roland Klees, Christopher Kotsakis)
- Sea level change, ocean tides and ocean circulation (Jens Schroeter, Shuanggen Jin)
- Ice/snow melting and land hydrological cycle (Tonie M van Dam, Shimon Wdowinski)
- Crustal deformation and tectonic/earthquake geodesy (Manabu Hashimoto, Wenke Sun)
- Earth rotation, geodynamics and Earth system coupling (Richard Gross, Harald Schuh)

## International Forum:

- Long-Range Science Goals and Challenges for Geodesy

## Sponsors

- International Association of Geodesy (IAG) Commission 1, 3, 4 & Sub-Com 2.6
- Shanghai Astronomical Observatory (SHAO), CAS

## Workshop location

- Third floor at Astronomical Building, Shanghai Astronomical Observatory, CAS, Shanghai, China

## Abstract submission

- Please email your abstract with \*.doc or \*.pdf format to [gpfeng@shao.ac.cn](mailto:gpfeng@shao.ac.cn), [sg.jin@yahoo.com](mailto:sg.jin@yahoo.com)

## Full papers in SCI journals

- Full papers are welcome to submit to Special Issue at SCI journals of Adv. Space Res and J. Geodyn.

## Registration & Payment

- Regular: 200\$USD or 1250 RMB (including International School, Aug. 21-25, 2012)
- Student without attending School (Aug. 21-25), senior and accompanier: 100\$USD or 625 RMB

## Important Date:

- Abstract submission: June 30, 2012; Notification of acceptance: July 20, 2012
- Registration on site: August 18-20, 2012; Full paper submission for SCI journal ASR: August 31, 2012

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