**Sun, Sand and Science**

- **Open Science Meeting (OSM)**
  - Venue: Cidade de Goa Resort, Goa
  - Dates: 13-16 February, 2013

- **Young Scientists Meeting (YSM)**
  - Venue: International Centre, Goa
  - Dates: 11-12 February, 2013

- Abstract submissions open now!

**Calendar for 4th OSM**

- 15 Jun 2012: Registration opens
- 08 Sep 2012: Abstract submission deadline
- 31 Oct 2012: Early registration deadline

**Calendar for 2nd YSM**

- 15 Jun 2012: Registration opens
- 07 Jul 2012: Abstract submission deadline
- 31 Oct 2012: Early registration deadline

**Scientific Sessions**

- Monsoons in space and time: patterns, mechanisms and impacts
- Regional climate variability over the last 2000 years
- New avenues in data assimilation and data-model comparison
- Climate modes in the past
- Abrupt changes and extreme events – assessment and risks
- Past changes in fluvial systems, flood plains and estuaries
- Sensitivity of the cryosphere: past and future
- Natural and anthropogenic transformation of land cover during the Holocene
- Climate impact on human evolution and civilizations
- Sea level change and the coastal zone: Threats for human societies
- Biodiversity and refugia: lessons from the past
- Climate change: Physical forcings and biogeochemical feedbacks
- Past warm periods informing the Anthropocene
- Natural and human effects on ecosystem dynamics
- The role of ocean circulation in climate dynamics
- Open session on latest highlights in paleoscience

**Plenty of activities**

- Plenary lectures by experts
- Parallel scientific sessions
- Outdoor poster sessions
- Eminent public lecture
- Explore Goa – Field trips
- Beach soccer – PAGES Cup 2013

**Support**

- Ministry of Earth Sciences (Government of India) is the main sponsor
- Opportunities for registration, travel and accommodation support

**More information**

Abstract submission, registration and for conference details, visit: [http://www.pages-osm.org/](http://www.pages-osm.org/)

Local Organizing Committee (E-mail: pages2013@ncaor.org)

Chairman: Dr. S. Rajan • Convener: Dr. Thamban Meloth (meloth@ncaor.org)