

FIFTEEN YEARS OF PROGRESS IN RADAR ALTIMETRY SYMPOSIUM

CALL FOR PAPERS

Venice (Italy), 13 > 18 March 2006

IDS WORKSHOP

OSTST MEETING

ARGO WORKSHOP

European Space Agency
Agence spatiale européenne

the
Living Planet

15 YEARS OF PROGRESS IN RADAR ALTIMETRY SYMPOSIUM

Fifteen years after the launch of ERS-1 and TOPEX/POSEIDON, the European Space Agency, in collaboration with the French Space Agency, CNES, is organising an exceptional Symposium on "15 Years of Progress in Radar Altimetry". This event is sponsored by NASA and other partner agencies and organizations supporting the development of altimetry. Along with this symposium, three related events will take place in the same week, the annual meeting of the Ocean Surface Topography Science Team (OSTST), the International Doris Service (IDS) workshop and the ARGO workshop.

THEMES

The main themes for the "15 Years of Progress in Radar Altimetry" Symposium are:

- historical perspective (keynote presentations)
- successful and unachievable projects, unexpected applications
- Advances in our understanding of the ocean
- Advances in our understanding of the Cryosphere: Antarctic and Greenland mass balance, sea ice monitoring, sea ice thickness
- Altimetry over Land: global DEMs, river and lake level monitoring, surface roughness
- Altimetric contributions to gravity field, marine geoid, bathymetry modeling
- Building the 15-year altimetric record: challenges and achievements
- Synergy between Altimetry, other data and models: the "integrated approach"
- Outreach
- Outlook: the future of altimetry

OSTST MEETING



The Ocean Surface Topography Science Team meeting, convened by Y. Ménard (CNES) and L.-L. Fu (JPL), will be held in the second half of the week and will address specific issues on the TOPEX/POSEIDON and Jason-1 projects, including algorithm and model improvement, CalVal activities, merging with other altimetric satellites (GFO, ENVISAT), preparation of the Jason-2 mission. Because of the obvious relationship with the Symposium, it is proposed that the science presentations of the OSTST Pls and Cols be given in the Symposium. This will leave more time during OSTST for specific and technical presentations and discussions.

ARGO WORKSHOP

The Argo array of profiling floats is now the most abundant source of temperature/salinity profile data from the global ocean. When combined with satellite altimetry and on its own, Argo is able to address a wide range of environmental and climate issues. In November 2003 there were 1000 floats operating when Argo held its First Science Workshop in Tokyo. Now the array has almost 2000 floats and global coverage. By linking with the OSTST, the second Argo Science Workshop will exploit the synergy between Argo and altimetry. The Workshop will also discuss results from the wide range of research and operational uses of Argo data and plan for the further exploitation of Argo.

IDS WORKSHOP

The IDS workshop, convened by G. Tavernier (CNES), the IDS chairman, will take place over 2 days in parallel to the "15 Years of Progress in Radar Altimetry" Symposium and will foster dialogue between IDS members and users of the DORIS system, in the area of orbit determination, precise positioning and other application fields.





PARTICIPATION

The Symposium is opened to all scientists with interest in radar altimetry. Participants are required to submit a one page abstract which will be reviewed and selected by the Scientific Committee for oral or poster presentation.

For OSTST, IDS and ARGO workshops additional information is available on the website. Please consider your participation to this exceptional event and reserve the week from 13 to 18 March 2006 in your agenda.

FURTHER INFORMATION

The Symposium is organised around oral and posters presentations selected by the Scientific Committee, with an opening and closing plenary session and parallel sessions, including a round table discussion.

Presenters of both oral and poster presentations are required to submit full papers to the Scientific Committee. Proceedings will be published by ESA.

These four events will be held from 13 to 18 March 2006, in Venice Lido, Italy.

The "15 Years of Progress in Radar Altimetry" Symposium will take place on 13-15 March 2006.

The OSTST Workshop will take place on 16-18 March 2006.

The IDS Workshop will take place over 4 half days parallel sessions (13 March at 14.00 until 15 March at 12.00)

The ARGO Workshop will be held on 17-18 March 2006. ARGO science and the "integrated approach" will be addressed in the Symposium.

LANGUAGES AND FEES

The working language of the Symposium is English. Participants are expected to finance their own travel and accommodation expenses. A Participation fee will be charged for access to the conference rooms and poster halls, all lunches and coffee breaks. A welcome cocktail and proceedings are included.

SCHEDULE AND DEADLINES

Submission of one page Abstract	26 September 2005
Notification of Acceptance	31 October 2005
Issue of Preliminary Programme on Symposium Web Site	21 November 2005
Registration/Hotel Booking	09 January 2006
Full Paper for Symposium Proceedings	07 March 2006
Symposium in Venice Lido, Italy	13-18 March 2006
Publication of Symposium Proceedings	15 June 2006

SCIENTIFIC COMMITTEE

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