

IMPORTANT DEADLINES

Deadline for abstract submission (both for oral and poster presentations)	30 September 2016
Notification to authors	20 October 2016
Deadline for Registration to the SAR Altimetry Training Course (free of charge)	5 November 2016
Deadline for registration (free of charge)	15 November 2016

ORGANIZING COMMITTEE

Jérôme Benveniste (ESA-ESRIN, Italy) | **Hans Bonekamp** (EUMETSAT, Germany) | **Paolo Cipollini** (National Oceanography Centre, U.K.) | **Laury Miller** (National Oceanic and Atmospheric Administration, USA) | **Marcello Passaro** (DGFU Technical University of Munich, Germany) | **Nicolas Picot** (Centre National d'Etudes Spatiales, France) | **Ted Strub** (Oregon State University, USA) | **Doug Vandemark** (University of New Hampshire, USA) | **Stefano Vignudelli** (Consiglio Nazionale delle Ricerche, Italy)

SCIENTIFIC COMMITTEE

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REGISTRATION

There is no fee for workshop, but confirmation of attendance is required by 5 November 2016.

CONTACT POINTS

Workshop Organising Committee

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Logistics

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FURTHER INFORMATION

Detailed technical and scientific information on the workshop can be found at: www.coastalaltimetry.org

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John Wilkin (Rutgers University, USA)

www.coastalaltimetry.org



→ 10th COASTAL ALTIMETRY WORKSHOP

21–24 February 2017 | Florence, Italy

INTRODUCTION

The Coastal Altimetry Community (www.coastalt.eu/community), that is the international community of scientists working on development and applications of altimetry in the coastal zone, invites you to the Santa Apollonia Auditorium in the centre of Florence, Italy, for the 10th Edition of the Coastal Altimetry Workshop (CAW-10) on 21-24 February 2017. Coastal altimetry has become a recognized mission target for present and future satellite altimeters, also thanks to the successful results from SAR and Ka-band altimetry. This Workshop aims at being once again a lively forum for a community-led review of the science and applications of coastal altimetry, from data processing through emerging applications to new technologies. The workshop will welcome studies using the new Jason-3 and Sentinel-3 data, and will include special sessions jointly with the Altimetry for Regional and Coastal Models (ARCOM) community of GODAE COSS-TT, and the Sea Level community and data providers. A SAR Altimetry Training Course will also be organised for students and young researchers, organised by ESA on 24 February 2017.

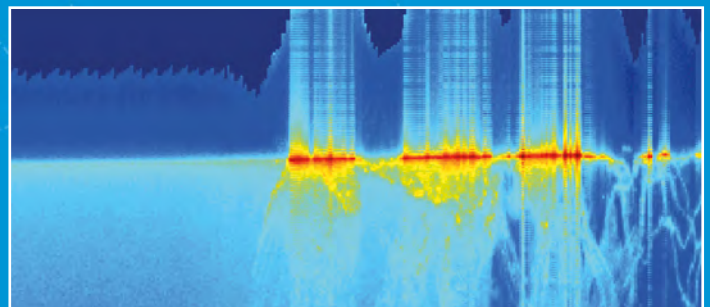
THEMES

- Technical issues in coastal altimetry, both for conventional and SAR modes, such as: progress on waveform modeling and retracking, Sea State Bias correction in coastal regions, improvements in other corrections, assessment of the capabilities of the latest missions (including CryoSat-2, HY-2, AltiKa, Jason-3 and Sentinel-3) in the coastal zone.
- Applications of coastal altimetry data, both for conventional and SAR modes, alone or in combination with other data and/or models. This includes the use of data from the various data providers and/or reprocessing initiatives: CTOH, PISTACH, ALES, COASTALT, REAPER, ESA Sea Level CCI, PEACHI, eSurge, SARvatore. Possible applications comprise coastal sea level variations, coastal currents, coastal wave field, storm surge research, assimilation of data in coastal models and surge

PROGRAMME OUTLINE

- **Day 1 | Tue 21 Feb 2017**
 - AM:** Tutorial on Coastal altimetry, Datasets available, Keynote.
 - PM:** Technical improvements in retracking/corrections, poster session with icebreaker.
- **Day 2 | Wed 22 Feb 2017**
 - AM:** Coastal Altimetry with models, integration into coastal observing systems.
 - PM:** Coastal Altimetry with models (continued), poster session (continued).
- **Day 3 | Thu 23 Feb 2017**
 - AM:** Coastal Sea Level, Application showcase.
 - PM:** Application (cont'd), Session summary, discussion/recommendations/conclusions.
 - Social Dinner to wrap-up.
- **Day 4 | Fri 24 Feb 2017**
 - SAR Altimetry Training course.

models. Studies exploiting the synergies of coastal altimetry with in situ, model and other satellite data (like SAR, SST, ocean colour), as well as those looking at climate-scale variations of sea level and sea state in the coastal zone, are particularly welcome.



Radar echogram of CryoSat-2 SAR pass from Caspian Sea to Volga's Delta: bright radar reflections, such as stagnant waterways and sand banks, are pictured in red.

