Stelios
Mertikas
Technical Univesrity of Crete, Greece
Antonis Daskalakis, Space Geomatics Ltd., Greece
Hailong Peng, National Ocean Satellite Applications Service, Beijing, China
Ilias N. Tziavos, Department of Geodesy and Surveying, Aristotle University of Thessaloniki, Greece
Xinghua Zhou, First Institute of Oceanography, State Oceanic Administration, QuingDao, China
George Vergos, Department of Geodesy and Surveying, Aristotle University of Thessaloniki, Greece
Vasilis Zervakis, University of Aegean, Greece.
Ole Baltazar Andersen
Oral
This work presents the calibration methodology conducted at the Gavdos/Crete calibration/validation facilities along with the latest altimeter calibration results for the Jason-2 and the Chinese HY-2 mission. A new approach for integrating four in-situ tide gauge measurements in Gavdos will be presented, while the most recent altimeter bias results for Jason-2 will be reported based on the GDR-D products. Furthermore, the altimeter bias for the Chinese HY-2 satellite will be introduced using the CRS1 permanent site in south west Crete and the descending HY-2 Pass No. 280, at 20 Hz. Additionally, altimeter biases as determined by locally developed Mean Sea Surface model will be presented and compared with the conventional sea-surface calibration methodology.
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