

Novas e Futuras Missões de Sensoriamento Remoto Orbital: Uma Perspectiva Global

New and Forthcoming Spaceborne Remote Sensing Missions: A Global Perspective

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ABSTRACT: Between 2018 and 2019, several new sensor technologies will be available on the International Space Station and on-board independent satellites. They will provide at least a year of simultaneous observations of Earth's surface and atmosphere. In this Special Session we will approach the specifications and capabilities of these instruments and how they can be used to constrain global models and improve our understanding of terrestrial systems.

Títulos	Palestrantes	Período
Opening	Dr. Carlos Roberto de Souza Filho (UNICAMP)	11:00
ECOSTRESS: The First of a New Series of Missions to the International Space Station	Dr. Simon Hook (JPL/NASA - USA)	11:10
What's in a Waveform? An analysis of the first GEDI waveforms collected over the Brazilian Amazon	Dr. Laura Duncanson (University of Maryland – USA)	11:30
The New Generation of Orbital Hyperspectral and Multispectral Remote Sensors and Potential Novel Insights in Geosciences	Dr. Carlos Roberto de Souza Filho (UNICAMP)	11:50
Discussion / Q&A – Closing		12:10