

TACKLING OBSERVATION CHALLENGES IN THE ATLANTIC: THE CASE OF SMALL SATELLITE CONSTELLATIONS

CASCAIS, DECEMBER 6, 2019

SPACE-EARTH INTERACTIONS



December 6, 2019 || Venue: Hotel Baía, Cascais

Host: José Luiz Moutinho, AIR Centre

09:45 **Welcome Remarks**

Jorge Del Rio, Scientific Affairs Officer UNOOSA
Joaquín Hernández Brito, CEO AIR CENTRE
André Oliveira, CTO CoLAB +ATLANTIC
Andreia Passos, Executive Director of the UT Austin Portugal Program (PT Office)

10:00 **Session I (Roundtable)**

Exploring the needs for an All-Atlantic Nanosatellite Constellation

Moderator: Nuno Ávila, Deimos
Speaker: José Luiz Moutinho, AIR Centre (15 minutes)
Presenting and discussing on the Letter of Intent for the joint framework to promote innovation, entrepreneurship and capacity building in the New Space Sector through the Deployment of an All-Atlantic Nanosatellite Constellation
Speaker: Samy Djavidnia, GEO Blue Planet (15 minutes)
Presentation of results and recommendations of the Ocean and Coastal User Needs
Discussants:
António Geraldo, Labomar
Samuel Mafwila, University of Namibia
Foster Mensah, University of Ghana

11:00 *Coffee break*

11:20 **Session II (Roundtable)**

Existing Capabilities and current projects to quick start an All-Atlantic Nanosatellite Constellation

The roundtable discussion will be preceded by two examples of precursor work for an all-Atlantic nanosatellite constellation.

Moderator: Nuno Lourenço, CoLAB +ATLANTIC
Speaker: José Ferreira, TEKEVER, INFANTE Project (15 minutes)
Speaker: Nuno Catarino, Deimos, NextGEOSS Project (15 minutes)
Discussants:
Milton Kampel, INPE
Asma Ibrahim, NASRDA
Stewart Bernard, CSIR
Nuno Catarino, Deimos

12:30 *Lunch*

13:30 **Session III (Hands-on Session)**

Co-Creation user stories and developing functional requirements for the All-Atlantic Nanosatellite Constellation

Facilitator: José Luiz Moutinho, AIR Centre

14:30 **Session IV (Talk)**

The way Forward: planning on All-Atlantic Nanosatellite Constellation

Keynote: Stewart Bernard, CSIR (15 minutes + Q&A)
Discussants:
HilKka Ndjaula, University of Namibia
Adesina Adegibie, Nigerian Institute for Oceanography and Marine Research (NIOMR)
Mahmoud Ibrahim Mahmoud, National Oil Spill Detection and Response Agency (NOSDRA)
Isa Elegbede, University of Lagos/ Brandenburg University of Technology
Ffion Atkins, University of Cape Town

15:30 *End of Session*

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