

# DRAFT PROGRAMME

## **2<sup>nd</sup> High-Level Industry-Science-Government Dialogue on 'Atlantic Interactions'**

Florianópolis Summit:  
IMPLEMENTING THE ATLANTIC INTERNATIONAL  
RESEARCH CENTER (AIR CENTER)

Venue: Costão do Santinho, Florianópolis  
Santa Catarina, Brazil  
20 - 21 November 2017

**OVERALL Draft AGENDA (to be confirmed)**  
**2<sup>nd</sup> High-Level Industry-Science-Government Dialogue on ‘Atlantic Interactions’: implementing the AIR Center**

	<b>Sunday, 19th November</b>	<b>Monday, 20th November</b>	<b>Tuesday, 21st November</b>	
<b>08h30-09h00</b>		Registration Venue: Costão do Santinho	Registration Venue: Costão do Santinho	
<b>09h00-09h30</b>	Arrival of delegations to Florianópolis	Welcome Remarks: Setting the Stage	Parallel Scientific Workshops on the “AIR Center Research Agenda”  Workshop 1: Earth observation, climate, energy and ecosystem variability  Workshop 2: From deep sea to space, from space to deep sea  Workshop 3: Data analytics and artificial intelligence for interdisciplinary research	
<b>09h30- 12h30</b>		Ministerial Roundtable and Industry-Science-Government Dialogue, Part I		
<b>13h00-14h00</b>		Family Photo Lunch		Lunch
<b>14h00- 16h30</b>		Ministerial Roundtable and Industry-Science-Government Dialogue, Part II  Closing Remarks		Ministerial Roundtable and Industry-Science-Government Dialogue, Part III: <ul style="list-style-type: none"> <li>• Report from Scientific Workshops 1, 2 and 3</li> <li>• Closing Remarks</li> </ul>
<b>17h00-18h00</b>		Signing of the Florianópolis Declaration		
<b>19h00</b>	Welcome reception/ Dinner	Cocktail and cultural event		
<b>20h30</b>		Official Dinner		



	<p>Alte Marcos Almeida, Diretoria-Geral de Desenvolvimento Nuclear e Tecnológico da Marinha, Brazil</p> <p>Joaquín Hernández Brito, Oceanic platform of the Canary Islands (PLOCAN), Spain</p> <p>Balakrishnan Nair T. M., Ocean Science &amp; Information Services Group (ISG), Indian National Centre for Ocean Information Services (INCOIS), India</p> <p>Seidu Mohammed, National Space Research and Development Agency (NASRDA), Nigeria</p> <ul style="list-style-type: none"> <li>• <b>Ministerial Roundtable and Dialogue:</b> informal discussion around the table</li> <li>• <b>Closing summary:</b> <p>Lino Barañao, Minister, Science, Techn. and Productive Innovation, Argentina (TBC)</p> <p>Vinny Pillay, Minister Counsellor: South Africa Mission to the European Union, Department of Science and Technology, South Africa</p> <p>Aquilino Varela, Director of Science, Technology and Innovation Cabinet, Cape Verde</p> </li> </ul>
12:30	<b>Family photo</b>
13:00 –14:00	<b>Lunch</b>
14:00 – 16:30	<p><b>Ministerial Roundtable and Industry-Science-Government Dialogue, Part II</b></p> <p>Chair: Maria do Rosário Sambo, Minister of Higher Education, Science, Technology and Innovation, Angola</p> <p><b>14:00 – 16:30: Launching and Implementing the AIR Centre Research Agenda (Cont.)</b></p> <ul style="list-style-type: none"> <li>• <b>Brief Presentations (5 min):</b> <p>Jailson Bittencourt de Andrade, Secretary for R&amp;D Policies, Brazil</p> <p>Juan Maria Vázquez Rojas, General Secretary for S&amp;I, Spain</p> <p>Gui Menezes, Azores Regional Secretary of Sea, Science and Technology, Portugal</p> <p>José Raimundo Braga Coelho, Brazilian Space Agency, Brazil</p> <p>Tiago Rebelo, Centre of Engineering and Product Development (CEiiA), Portugal</p> <p>Osvaldina Silva, National Institute for the Fishing Development, Cape Verde (TBC)</p> </li> <li>• <b>Ministerial Roundtable and Dialogue:</b> informal discussion around the table</li> <li>• <b>Closing Remarks for the first day:</b> <p>Myriam Aldabalde, Representative of Minister for Education and Culture, Uruguay</p> </li> </ul>

	Manuel Heitor, Minister of Science, Technology and Higher Education, Portugal Gilberto Kassab, Minister of Science, Technology, Innovations and Communications, Brazil
17:00 – 18:00	<b>Official Ceremony: Signing of the Florianópolis Declaration for implementing the AIR Center</b>
18:00 – 18:30	
19:30	<b>Cocktail + Cultural event</b>
20:30	<b>Dinner</b> <b>Key Note Speaker:</b> Rebecca Greenspan, Secretary General, Ibero American Conference (SEGIB)

<b>Tuesday, 21 November 2017</b> <b>Costão do Santinho, Florianopolis</b>	
09:00 – 12:30	<b>Parallel workshops on “AIR Centre’s Research Agenda”</b> Workshop 1: Earth observation, climate, energy and ecosystem variability Workshop 2: From deep sea to space, from space to deep sea Workshop 3: Data analytics and artificial intelligence for interdisciplinary research (see detailed programme below)
13:00 – 14:00	<b>Lunch break</b>
14:00 – 15:30	<b>Ministerial Roundtable and Industry-Science-Government Dialogue, Part III</b> Chair: Gilberto Kassab, Minister of Science, Technology, Innovation and Communications, Brazil <ul style="list-style-type: none"> <li>• <b>Report from workshops 1, 2 and 3:</b> Work Group’s chairs report for 15 min each</li> </ul>
	<b>Closing Remarks</b> Paulo Ferrão, Portuguese Foundation for Science and Technology (FCT), Portugal Jailson Bittencourt de Andrade, Secretary for R&D Policies, Brazil

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## Parallel workshops on “AIR Center Research Agenda”, November 21<sup>st</sup>

### Workshop 1: Earth observation, climate, energy and ecosystem variability

**Chair:** António Sarmiento, WavEC, Portugal

**Rapporteur:** Ricardo Galvão, National Institute for Space Policies (INPE), Brazil

**Vladimiro Miranda**, INESC P&D-Brazil, Brazil

Topic: Energy (TBD)

**Seidu Mohammed**, National Space Research and Development Agency (NASRDA), Nigeria

Topic: Contributions of National Space Research and Development Agency (NASRDA) to the Atlantic Interactions Agenda

**Francisco Cunha**, TEKEVER, Portugal

Topic: Infante project and applications

**Rui Semide**, Lusospace, Portugal

Topic: Atlantic Optical Network

**Nuno Catarino**, DEIMOS, Portugal

Topic: Towards an Atlantic Earth Observation System of Systems: the AIR contribution to GEOSS

**Joaquín Hernández Brito**, Oceanic platform of the Canary Islands (PLOCAN), Spain

Topic: Use of Research infrastructures for earth observation

**Eduardo Balguerías**, Spanish Oceanographic Institute (IEO), Spain

Topic: Relationships of ocean-atmosphere and sustainable fisheries

**João Antonio Lorenzetti**, National Institute for Space Research (INPE), Brazil (TBC)

Topic: Earth and Ocean systems observation

**José Luis Muñoz**, Spanish Node of Climate Knowledge Innovation Community (KIC), Spain

Topic: EIT Climate KIC & Cross-KIC Spain - The Knowledge and Innovation Communities of European Institute of Innovation and Technology - EIT

## Parallel workshops on “AIR Centre’s Research Agenda” (Cont.)

### Workshop 2: From deep sea to space, from space to deep sea

**Chair:** Ricardo Mendes, Tekever, Portugal

**Rapporteur:** Andrei Polejack, Ministry of Science, Technology, Innovation and Communications (MCTIC), Brazil

**Guillermo Franz**, Universidade Federal do Paraná, Brazil

Topic: Modelling to strengthen the link between Maritime Regions

**Ramiro Neves**, Instituto Superior Técnico, Lisbon University, Portugal

Topic: Earth System Modelling Framework for Understanding Regional Climate Change Impacts

**Alberto de Pedro Crespo**, GMV Portugal, Portugal

Topic: Next Steps towards Services and Applications

**Eduardo Pereira**, ISISE/IB-S, University of Minho, Portugal

Topic: IB-S ad Next Sea project: multidisciplinary approach to current ocean challenges and other harsh environments

**Telmo Morato**, DOP, University of Azores, Portugal

Topic: Leveraging open-ocean and deep-sea research: Opportunities for the AIR Center

**Juan Carlos Cortés**, Space Technologies of the Spanish Agency for Innovation, Spain

Topic: Identification of gaps and opportunities for the involvement of technological companies in this topic

**Elsa Alexandrino**, DEIMOS, Portugal

Topic: Federating capacity: a common ground segment for Atlantic EO Missions

**Wilsa Atella**, AMBIDADOS, Brazil

Topic: Technological development for ocean research

**Orestes Estevam Alarcon**, Federal University of Santa Catarina, Brazil

Topic: Marine scientific platform in Brazil in support of the AIR Center



## Parallel workshops on “AIR Center Research Agenda” (Cont.)

### Workshop 3: Data analytics and artificial intelligence for interdisciplinary research

**Chair:** Ulisses Mello, IBM Research-Brazil, Brazil

**Rapporteur:** António Cunha, University of Minho, Portugal

**Igor Oliveira**, IBM Research-Brazil, Brazil

Topic: The Weather Company: Large Scale Weather Forecast

**Lucas Villa Real**, IBM Research-Brazil, Brazil

Topic: Water Management with Sensors

**Rui Oliveira**, University of Minho and e INESC TEC, Portugal

Topic: Unlocking the potential of Big Data with AI and the frontiers of Quantum Computing

**Josep Martorell**, Barcelona Supercomputing Center, Spain

Topic: HPC for interdisciplinary research

**João Barbosa**, University of Texas at Austin, United States of America

Topic: E-Science for data management at AIR

**Marco Netto**, IBM Research-Brazil, Brazil

Topic: TBD

**José Carlos Pinto**, Federal University of Rio de Janeiro

Topic: TBD

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