

PROGRAMME

2ND HIGH-LEVEL
INDUSTRY-SCIENCE-GOVERNMENT
DIALOGUE ON 'ATLANTIC INTERACTIONS'

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

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



OVERALL AGENDA

	Sunday, 19th November	Monday, 20th November	Tuesday, 21st November
8:30 - 9:00	Arrival of delegations to Florianópolis	Registration Venue: Costão do Santinho	Registration Venue: Costão do Santinho
9:00 - 9:30		Welcome Remarks: Setting the Stage	Parallel Scientific Workshops on the 'Air Center Research Agenda'
9:30 - 12:30		Ministerial Roundtable and Industry-Science-Government Dialogue, Part I	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
13:00 - 14:00		Family Photo Lunch	Lunch
14:00 - 16:30		Ministerial Roundtable and Industry-Science-Government Dialogue, Part II Closing Remarks	Ministerial Roundtable and Industry-Science-Government Dialogue, Part III: Report from Scientific Workshops 1, 2 and 3 Closing Remarks
17:00 - 18:00		Signing of the Florianópolis Declaration	
19:00	Welcome reception Dinner	Cocktail and cultural event	
20:30		Official Dinner	

DETAILED PROGRAM

Sunday, 19 November 2017	
During the day	Arrival of delegations and participants
19:00	Welcome Reception Dinner
Monday, 20 November 2017	
8:30 - 9:00	Registration
9:00 - 9:45	Welcome Remarks: Setting the stage Gilberto Kassab, Minister of Science, Technology, Innovations and Communications, Brazil João Raimundo Colombo, Governor of the State of Santa Catarina, Brazil Manuel Heitor, Minister of Science, Technology and Higher-Education, Portugal
9:45 - 10:30	Ministerial Roundtable and Industry-Science-Government Dialogue, Part I Chair: Juan Maria Vásquez, Secretary General, Science and Innovation, Spain Implementing the AIR Center - Main conclusions of the two high level groups created in Azores in April 2017 <ul style="list-style-type: none"> • Brief Presentation: Paulo Ferrão, Portuguese Foundation for S&T (FCT), Portugal • Ministerial Roundtable and Dialogue: informal discussion around the table
10:30 - 12:30	Launching and Implementing the AIR Center Research Agenda <ul style="list-style-type: none"> • Brief Presentations (5 min): Ricardo Galvão, National Space Research Institute, Brazil Patrick Plante, Thales Europa, France Alvaro Prata, Secretariat for Technological Development and Innovation, Brazil António Sarmiento, WavEC, Portugal Alte Marcos Almeida, Diretoria-Geral de Desenvolvimento Nuclear e Tecnológico da Marinha, Brazil Joaquín Hernández Brito, Oceanic platform of the Canary Islands (PLOCAN), Spain • Ministerial Roundtable and Dialogue: informal discussion around the table • Closing summary: Lino Barañao, Minister, Science, Techn. and Productive Innovation, Argentina (TBC) Vinny Pillay, Minister Counsellor: South Africa Mission to the European Union, Department of Science and Technology, South Africa Aquilino Varela, Director of Science, Technology and Innovation Cabinet, Cape Verde

12:30	Family photo
13:00 - 14:00	Lunch
14:00 - 16:30	<p>Ministerial Roundtable and Industry-Science-Government Dialogue, Part II Chair: Maria do Rosário Sambo, Minister of Higher Education, Science, Technology and Innovation, Angola</p> <p>Launching and Implementing the AIR Centre Research Agenda (Cont.)</p> <ul style="list-style-type: none"> • Brief Presentations: Jailson Bittencourt de Andrade, Secretary for R&D Policies, Brazil Juan Maria Vázquez Rojas, General Secretary for S&I, Spain Gui Menezes, Azores Regional Secretary of Sea, Science and Technology, Portugal José Raimundo Braga Coelho, Brazilian Space Agency, Brazil Tiago Rebelo, Center for Innovation and Creative Engineering (CEiiA), Portugal Osvaldina Silva, National Institute for the Fishing Development, Cape Verde (TBC) Seidu Mohammed, National Space Research and Development Agency (NASRDA), Nigeria • Ministerial Roundtable and Dialogue: informal discussion around the table • Closing Remarks for the first day: Myriam Aldabalde, Representative of Minister for Education and Culture, Uruguay Maritza Rosabal Peña, Minister for Education, Cape Verde (TBC) Manuel Heitor, Minister of Science, Technology and Higher Education, Portugal Gilberto Kassab, Minister of Science, Technology, Innovations and Communications, Brazil
17:00 - 18:00	Official Ceremony: Signing of the Florianópolis Declaration for implementing the AIR Center
19:30	Cocktail + Cultural event
20:30	Dinner Key Note Speaker: Rebecca Greenspan, Secretary General, Ibero American Conference (SEGIB)
Tuesday, 21 November 2017	
9:00 - 12:30	<p>Parallel workshops on “AIR Centre’s Research Agenda”</p> <p>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)</p>
13:00 - 14:00	Lunch break
14:00 - 15:30	<p>Ministerial Roundtable and Industry-Science-Government Dialogue, Part III Chair: Gilberto Kassab, Minister of Science, Technology, Innovation and Communications, Brazil</p> <ul style="list-style-type: none"> • Report from workshops 1, 2 and 3: Work Group’s chairs report for 15 min each
	<p>Closing Remarks Paulo Ferrão, Portuguese Foundation for Science and Technology (FCT), Portugal Jailson Bittencourt de Andrade, Secretary for R&D Policies, Brazil</p>

Parallel workshops on “AIR Center Research Agenda”, November 21st

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 Center Research Agenda”, November 21st

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

Francisco Arias, Instituto de Investigaciones Marinas y Costeras (INVEMAR), Colombia (TBC)

Topic: Deep Sea observation, monitorization and sampling - importance and difficulties

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

Orestes Estevam Alarcon, Federal University of Santa Catarina, Brazil

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

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

Wilsa Atella, AMBIDADOS, Brazil

Topic: Technological development for ocean research

Telmo Morato, DOP, University of Azores, Portugal (TBC)

Topic: Ocean

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

Carlos Fernández, DEIMOS Imaging, Spain (TBC)

Topic: TBD

Parallel workshops on “AIR Center Research Agenda”, November 21st

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