



## 14th European Space Conference

### A New Era for European Space: Turning Vision into Action

*One and a half day hybrid conference with restricted on-site participation at the Egmont Palace in Brussels, followed by a half-day fully virtual conference with e-networking opportunities.*

**Tuesday, 25th January 2022**

09:00-09:40	<p><b>Conference Opening</b></p> <p>Sophie Wilmès, Deputy Prime and Minister of Foreign Affairs, Belgium  Bruno Le Maire, Minister of the Economy, Finance and Recovery, France  Thierry Breton, Commissioner for Internal Market, European Commission  Kris Peeters, Vice-President, European Investment Bank</p>
09:40-10:15	<p><b>Special Addresses</b></p> <p>Josef Aschbacher, Director General, European Space Agency  Timo Pesonen, Director-General, DG DEFIS, European Commission  Rodrigo da Costa, Executive Director, EUSPA  Cristian-Silviu Busoi, Chair of the ITRE Committee, European Parliament  André-Hubert Roussel, President, Eurospace</p>
10:15-11:30	<p><b>Session #1</b></p> <p><b>Conference Opening Dialogues:</b>  <b>Next Generation of New European Initiatives and Accelerators</b>  <i>Two separate dialogues on the aspects of the theme between industrials and the aforementioned institutional representatives</i></p> <p><u>#1 Dialogue on Europe's approach to an evolving space industry</u></p> <p>Timo Pesonen, Director-General, DG DEFIS, European Commission  Josef Aschbacher, Director General, European Space Agency  Hervé Derrey, President and CEO, Thales Alenia Space  Jean-Marc Nasr, EVP Space Systems Airbus Defence and Space  Juan Tomas Hernani, YEESS</p> <p><u>#2 Dialogue on future initiatives and resilience in space</u></p> <p>Timo Pesonen, Director-General, DG DEFIS, European Commission  Josef Aschbacher, Director General, European Space Agency  Luigi Pasquali, CEO, Telespazio  André-Hubert Roussel, President, Ariane Group  Marco Fuchs, CEO, OHB</p> <p><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>

11:30-11:45	<p>Conversation with Astronaut Alexander Gerst</p> <p>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</p>	
11:45-13:00	Secure Connectivity	Green Deal
	<p><b>Session #2</b>  <b>Building a European Secure Connectivity Constellation</b></p> <p><u>Introductory Statements</u></p> <p>Thomas Skordas, Deputy Director-General, DG Connect, European Commission  Ekaterini Kavvada, Director of Innovation &amp; Outreach, DG DEFIS, European Commission  Elodie Viau, Director of Telecommunications, ESA</p> <p><u>#1 Dialogue on the architecture of the constellation and the needs that it meets</u></p> <p>Thomas Skordas, Deputy Director-General, DG Connect  Ekaterini Kavvada, Director of Innovation &amp; Outreach, DG DEFIS  Elodie Viau, Director of Telecommunications, ESA  Evert Dudok, EVP Connected Intelligence, Airbus Defence and Space  Marc-Henri Serre, EVP Telecommunications, Thales Alenia Space  Stephane Israel, CEO, Arianespace</p> <p><u>#2 Dialogue on operational aspects of the constellation</u></p> <p>Thomas Skordas, Deputy Director-General, DG Connect  Ekaterini Kavvada, Director of Innovation &amp; Outreach, DG DEFIS  Elodie Viau, Director of Telecommunications, ESA  Steve Collar, CEO, SES  Miguel Angel Panduro, CEO, Hispasat</p> <p><u>Secure Connectivity Fireside Chats</u>  Philippe Baptiste, President, CNES</p> <p>Moderator: Jeremy Wilks, Euronews</p>	<p><b>Session #3</b>  <b>Harnessing Space Data and Technology to meet Europe's climate ambitions</b></p> <p><u>Introduction</u>  Alexander Gerst, Astronaut, ESA</p> <p><u>Debate</u>  Niklas Nienass, MEP, European Parliament  Roger Havenith, Deputy Chief Executive, EIF  Matthias Petschke, Director of Space, DG DEFIS  Simonetta Cheli, Director of Earth Observation, ESA  Phil Evans, Director-General, EUMETSAT  Jean-Noël Thépaut, Director of Copernicus Services, ECMWF</p> <p><u>Green Deal Fireside Chat</u>  Walther Pelzer, President, German Space Agency, DLR</p> <p>Moderator: Jack Parrock</p>
13:00-14:20	LUNCH BREAK	

14:20-15:00	<p><b>Keynote Speeches</b></p> <p>Florence Parly, Minister of Defence, France  Vittorio Colao, Minister for Technological Innovation, Italy  Josep Borrell, High Representative of the EU</p>	
15:00-16:00	Access to Space	Defence and Security
	<p><b>Session #4</b></p> <p><b>Europe's Launcher Ecosystem: Ensuring Competitiveness and Reliability</b></p> <p>Daniel Neuenschwander, Director of Space Transportation, ESA  Paraskevi Papantoniou, Deputy Director for Space Policy, DG DEFIS  Morena Bernardini, VP Strategy, Ariane Group  Chris Larmour, CEO, Orbex  Jörn Spurmann, CCO, Rocket Factory Augsburg  Daniel Metzler, CEO, Isar Aerospace Technologies  Adria Argemi, CEO, Pangea Aerospace</p> <p><i>Moderator: Jeremy Wilks, Euronews</i></p>	<p><b>Session #5</b></p> <p><b>Space and the European Strategic Compass: a key domain for European security and defence</b></p> <p><i>Keynote speech</i>  Charles Fries, Deputy Secretary-General CSDP and Crisis Response, EEAS</p> <p><i>Debate</i>  Francois Arbault, Director of Defence Industry, DG DEFIS, European Commission  Sorin Ducaru, Director, SATCEN  Antoine Noguier, EVP Strategy, Airbus Defence and Space  Philippe Clar, EVP Defence Programmes, Ariane Group  Michel Bosco, Board Member Rhea Group and President of Rhea Group France</p> <p><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>
16:00-16:15	<p><b>Fireside Chat</b></p> <p>with Giorgio Saccoccia, President, ASI</p>	
16:15-16:30	NETWORKING COFFEE BREAK	
16:30-17:30	Space Entrepreneurship	
	<p><b>Session #6</b></p> <p><b>Making Europe a New Space Hub: Boosting European Space Entrepreneurship</b></p> <p><u>Opening Statements</u>  Alain Godard, Chief Executive, EIF  Géraldine Naja, Director of Commercialisation, Industry and Procurement, ESA  Guillaume de La Brosse, Head of Unit Innovation, Start-ups and Economics, DG DEFIS, European Commission</p> <p><u>Panel Discussion</u>  Ricardo Conde, President, Portugal Space Agency  Nicolas Capet, CEO, Anywaves  Clément Galic, CEO, Unseenlabs  Nadine Smolka, Mission Manager, Exolaunch</p> <p><i>Moderator: Torsten Kriening, Space Watch Global</i></p>	<p><b>Session #7</b></p> <p><b>Space and Cybersecurity: Ensuring the security of Europe's space assets and using space to boost security of terrestrial systems</b></p> <p>Thomas Dermine, Secretary of State for Economic Recovery and Strategic Investments, Belgium  Alain Alexis, Adviser For Synergies Space, Defence &amp; Civil Industries, DG DEFIS, European Commission  Massimo Mercati, Head of ESA Security Office, ESA  Marco Folino, CEO, Spaceopal  Pascal Rogiest, Chief European Institutions Officer, Rhea Group  Jurry de la Mar, Director, T-Systems</p> <p><i>Moderator: Chris Burns</i></p>

<p><b>17:30-18:30</b></p>	<p><b>Session #8</b>  <b>European Space Start-Up Business Spotlight</b>            Various space start-up business pitches</p> <p>Jan Vanbaelen, Founder &amp; CEO, The Lunargrid            Alexandre Mangeot, CEO/CTO, HyprSpace            Jaume Sanpera, CEO, Sateliot            Sethu Saveda Suvanam, Founder &amp; CEO, ReOrbit            Frank Koch, Founder, Orbit Recycling            Stefan Frey, Co-Founder, Vyoma</p> <p><i>Moderator: Jean-Jacques Dordain</i></p>	<p><b>Session #9</b>  <b>Keeping Europe's space domain operational: STM, SSA/SST</b></p> <p>Christoph Kautz, Deputy Director, DG DEFIS            Rolf Densing, Director of Operations, ESA            Paschal Faucher, Chairman, EUSST            Chiara Manfletti, COO, Neuraspace            Ignacio Mataix, CEO, Indra            Julien Cantegreil, Founder &amp; CEO, SpaceAble</p> <p><i>Moderator: Joshua Posaner, Politico</i></p>
<p><b>18:30-18:45</b></p>	<p><b>Closing Keynote</b>            Pascal Ehrenfreund, President, IAF            Simonetta di Pippo, Director, UNOOSA</p>	

	<b>Wednesday, 26th January 2022</b>	
<b>09:00-09:30</b>	<p><b>Opening</b></p> <p>Manuel Heitor, Minister for Science, Technology and Higher Education, Portugal  Martina Hirayama, Secretary of State, Switzerland  Josef Aschbacher, Director General, European Space Agency  Charlina Vitcheva, Director-General, DG MARE, European Commission</p>	
<b>09:30-10:45</b>	<b>Space Applications</b>	<b>International Cooperation and Science</b>
	<p><b>Session #10</b>  <b>Building on the success of Copernicus:</b>  <b>Earth Observation, Destination Earth and Future Initiatives</b></p> <p><i>Opening Interventions</i></p> <p>Simonetta Cheli, Director of Earth Observation, European Space Agency  Mauro Facchini, Head of Unit for Earth Observation, DG DEFIS, European Commission  Liina Munari, Deputy Head of Unit Open Science and Digital Modelling, DG CONNECT, European Commission</p> <p><i>Dialogue</i></p> <p>Wendy Carrara, Senior Manager for Digital, Intelligence, Airbus Defence and Space  Massimo Claudio Comparini, Deputy CEO, ESVP Observation, Exploration, Navigation, Thales Alenia Space  Pierre Bahurel, CEO, Mercator Ocean International  Phil Evans, Director-General, EUMETSAT  Peter Bauer, Deputy Director of Research/Lead Scientist, ECMWF</p> <p><i>Moderator: Chris Burns</i></p>	<p><b>Session #11</b>  <b>High-Level Roundtable -</b>  <b>International Space Relations for the Sustainable Use of Space</b></p> <p>Eric Morel de Westgaver, Director, European Space Agency  Ekaterini Kavvada, Director of Innovation &amp; Outreach, DG DEFIS, European Commission  Carine Claeys, EU Special Envoy for Space, EEAS  Sergey Sevliev, Deputy Director-General for International Relations, Roscosmos  Tidiane Ouattara, Coordinator, GMES &amp; Africa Support Programme  Yasuo Ishii, Vice President for Strategic Planning and International Relations, JAXA  Representative, ISRO  Representative, Canadian Space Agency</p> <p><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>
<b>10:45-11:15</b>	<b>NETWORKING COFFEE BREAK</b>	

11:15-12:30	<p style="text-align: center;"><b>Space Applications Conversations</b></p> <p style="text-align: center;"><b>From Space to International Ocean Governance: a journey towards EU leadership</b> with <a href="#">Pierre Bahurel</a>, CEO, Mercator Ocean International</p> <p style="text-align: center;"><b>Earth Observation Data Access</b> with <a href="#">Gregoire Berry</a>, Director Europe, Serco</p> <p style="text-align: center;"><b>Meeting the 2030 EU Forestry Objectives with Earth Observation</b> with <a href="#">Will Marshall</a>, CEO, Planet Labs</p> <p style="text-align: center;"><b>Geospatial Intelligence - Agriculture/Food Security</b> with <a href="#">Grégoire Nemo</a>, Strategy &amp; Business Development, Aerospacelab</p> <p style="text-align: center;"><b>Norwegian use of Copernicus and Galileo data for national applications. Benefits and limitations in the High-North</b> with <a href="#">Christian Hauglie-Hanssen</a>, Director-General, Norwegian Space Agency</p> <p style="text-align: center;"><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>	<p style="text-align: center;"><b>Session #12</b> <b>Exploration: Future Missions to the Moon and Mars</b></p> <p style="text-align: center;"><a href="#">David Parker</a>, Director of Human and Robotic Exploration, ESA <a href="#">Laura Todd</a>, VP Exploration, Airbus Defence and Space <a href="#">Helene Huby</a>, Founder &amp; CEO, The Exploration Company <a href="#">Jean-Luc Maria</a>, CEO, Exotrail</p> <p style="text-align: center;"><i>Moderator: Torsten Kriening, Space Watch Global</i></p>
12:30-13:30	<p style="text-align: center;"><b>Session #13</b> <b>Navigation and Connectivity for the future of Transport</b></p> <p style="text-align: center;"><a href="#">Christophe Grudler</a>, Vice-Chair of the Sky and Space Intergroup, European Parliament <a href="#">Fiametta Diani</a>, Head of Market Development, EUSPA <a href="#">Alexandre Tisserand</a>, CEO, Kineis <a href="#">Marco Folino</a>, CEO, Spaceopal</p> <p style="text-align: center;"><i>Moderator: Jack Parrock</i></p>	<p style="text-align: center;"><b>Session #14</b> <b>Enhancing Europe's activities in space science and technology</b></p> <p style="text-align: center;"><a href="#">Günther Hasinger</a>, Director of Science, ESA <a href="#">Dan Chirondojan</a>, Director of Space, Security and Migration, JRC <a href="#">Bruno Sainjon</a>, Chairman, ESRE <a href="#">Dr. Andrea Lani</a>, Project Coordinator, MEESST <a href="#">Luca Rossetini</a>, CEO, D-Orbit</p> <p style="text-align: center;"><i>Moderator: Joshua Posaner, Politico</i></p>
13:30-13:45	<p style="text-align: center;"><b>Concluding Remarks</b></p> <p style="text-align: center;"><a href="#">Adina-Ioana Valean</a>, Commissioner for Transport, European Commission <a href="#">Marian-Jean Marinescu</a>, Member of the European Parliament <a href="#">Thomas Dermine</a>, Secretary of State for Economic Recovery and Strategic Investments, Belgium</p>	

14:00-14:15	Digital Conference Welcome	
14:15-15:15	<p><b>Session #15</b> <b>In Conversation</b></p> <p><i>Fireside Chat #1</i> <b>Sylvain Schwartz</b></p> <p><i>Fireside Chat #2</i> <b>Jean-David Malo (tbc)</b></p> <p><i>Fireside Chat #3</i> <b>Chris Larmour, CEO, Orbex (tbc)</b></p> <p><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>	
15:15-16:15	<p><b>Session #16</b> <b>Workshop</b></p> <p><b>Satellite-based Quantum Key Distribution - Turning Next-Generation Cybersecurity into a Reality</b></p> <p>Cecil Ameil, Director of Regulatory Affairs, SES Alan Kurosevic, Managing Director, SES Techcom</p>	<p><b>Session #17</b> <b>Workshop</b></p> <p><b>The advent of 5G: An opportunity for the satellite industry?</b></p>
16:15-16:30	Coffee Break	
16:30-17:30	<p><b>Session #18</b> <b>Workshop Finance (EIB)</b></p>	<p><b>Session #19</b> <b>Workshop</b></p>
17:30-18:00	Closing - Conference Wrap-Up	