



# 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 style="text-align: center;"><b>Conference Opening</b></p> <p style="text-align: center;">Sophie Wilmès, Deputy Prime and Minister of Foreign Affairs, Belgium          Bruno Le Maire, Minister of the Economy, Finance and the Recovery, France          Thierry Breton, Commissioner for Internal Market, European Commission          Kris Peeters, Vice-President, European Investment Bank</p>
09:40-10:15	<p style="text-align: center;"><b>Special Addresses</b></p> <p style="text-align: center;">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 style="text-align: center;"><b>Session #1</b>  <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 style="text-align: center;"><u>#1 Dialogue on Europe's approach to an evolving space industry</u></p> <p style="text-align: center;">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 style="text-align: center;"><u>#2 Dialogue on future initiatives and resilience in space</u></p> <p style="text-align: center;">Timo Pesonen, Director-General, DG DEFIS, European Commission          Josef Aschbacher, Director General, European Space Agency          Luigi Pasquali, CEO, Telespazio          André-Hubert Roussel, CEO, Ariane Group          Marco Fuchs, CEO, OHB</p> <p style="text-align: center;"><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>

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

14:20-15:00	<p style="text-align: center;"><b>Keynote Speeches</b>  <b>Robert Habeck, Vice-Chancellor, Germany</b>  <b>Florence Parly, Minister of the Armed Forces, France</b>  <b>Vittorio Colao, Minister for Technological Innovation, Italy</b>  <b>Josep Borrell, High Representative / Vice-President, European Commission</b></p>	
15:00-16:00	<p style="text-align: center;">Access to Space</p>	<p style="text-align: center;">Defence and Security</p>
	<p style="text-align: center;"><b>Session #4</b>  <b>Europe's Launcher Ecosystem: Ensuring Competitiveness and Reliability</b></p> <p style="text-align: center;"> <b>Daniel Neuenschwander, Director of Space Transportation, ESA</b>  <b>Paraskevi Papantoniou, Deputy Director for Space, DG DEFIS, European Commission</b>  <b>Daniel Metzler, CEO, Isar Aerospace Technologies</b>  <b>Adria Argemi, CEO and Co-founder, Pangea Aerospace</b>  <b>Morena Bernardini, VP Strategy, ArianeGroup</b>  <b>Jörn Spurmann, CCO, Rocket Factory Augsburg</b></p> <p style="text-align: center;"><i>Moderator: Jeremy Wilks, Euronews</i></p>	<p style="text-align: center;"><b>Session #5</b>  <b>Space and the European Strategic Compass: a key domain for European security and defence</b></p> <p style="text-align: center;"><i>Keynote speech</i>  <b>Charles Fries, Deputy Secretary-General CSDP and Crisis Response, EEAS</b></p> <p style="text-align: center;"><i>Debate</i>  <b>Francois Arbault, Director for Defence Industry, DG DEFIS, European Commission</b>  <b>Sorin Ducaru, Director, SATCEN</b>  <b>Antoine Noguier, EVP Strategy, Airbus Defence and Space</b>  <b>Philippe Clar, EVP Defence Programmes, Ariane Group</b>  <b>Michel Bosco, Board Member Rhea Group and President of Rhea Group France</b></p> <p style="text-align: center;"><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>
16:00-16:10	<p style="text-align: center;"><b>Fireside Chat</b>  <b>with Giorgio Saccoccia, President, ASI</b></p> <p style="text-align: center;"><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>	

16:10-16:30	<b>NETWORKING COFFEE BREAK</b>	
16:30-17:30	<b>Space Entrepreneurship</b>	<p style="text-align: center;"><b>Session #7</b></p> <p style="text-align: center;"><b>Space and Cybersecurity: Ensuring the security of Europe's space assets and using space to boost security of terrestrial systems</b></p> <p style="text-align: center;">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 style="text-align: center;"><i>Moderator: Chris Burns</i></p>
	<p style="text-align: center;"><b>Session #6</b></p> <p style="text-align: center;"><b>Making Europe a New Space Hub: Boosting European Space Entrepreneurship</b></p> <p style="text-align: center;"><i>Opening Statements</i></p> <p style="text-align: center;">Alain Godard, Chief Executive, European Investment Fund  Géraldine Naja, Director of Commercialisation, Industry and Procurement, European Space Agency  Guillaume de La Brosse, Head of Unit Innovation, Start-ups and Economics, DG DEFIS, European Commission</p> <p style="text-align: center;"><i>Panel Discussion</i></p> <p style="text-align: center;">Ricardo Conde, President, Portugal Space Agency  Nicolas Capet, CEO, Anywaves  Clément Galic, CEO, Unseenlabs  Nadine Smolka, Mission Manager, Exolaunch</p> <p style="text-align: center;"><i>Moderator: Torsten Kriening, SpaceWatch.Global</i></p>	
17:30-18:30	<p style="text-align: center;"><b>Session #8</b></p> <p style="text-align: center;"><b>European Space Start-Up Business Spotlight</b></p> <p style="text-align: center;">Various space start-up business pitches</p> <p style="text-align: center;">Jan Vanbaelen, Founder &amp; CEO, The Lunar Grid  Alexandre Mangeot, CEO &amp; 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 style="text-align: center;"><i>Moderator: Jean-Jacques Dordain</i></p>	<p style="text-align: center;"><b>Session #9</b></p> <p style="text-align: center;"><b>Keeping Europe's space domain operational: STM, SSA/SST</b></p> <p style="text-align: center;">Rolf Densing, Director of Operations, ESA  Christoph Kautz, Deputy Director for Innovation and Outreach, DG DEFIS, European Commission  Pascal Faucher, Chairman, EUSST  Ignacio Mataix, CEO, Indra  Julien Cantegreil, Founder &amp; CEO, SpaceAble  Chiara Manfretti, COO, Neuraspace</p> <p style="text-align: center;"><i>Moderator: Joshua Posaner, POLITICO Europe</i></p>
18:30-18:45	<p><b>Closing Addresses</b></p> <p>Pascale Ehrenfreund, President, IAF  Simonetta di Pippo, Director, UNOOSA</p>	

## Wednesday, 26th January 2022

09:00-09:30	<p><b>Opening</b></p> <p>Manuel Heitor, Minister for Science, Technology and Higher Education, Portugal  Martina Hirayama, State Secretary for Education, Research and Innovation, Switzerland  Virginijus Sinkevičius, Commissioner for Environment, Oceans and Fisheries, European Commission  Josef Aschbacher, Director General, European Space Agency</p>	
09:30-10:45	<p><b>Space Applications</b></p>	<p><b>International Cooperation and Science</b></p>
	<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, Head of Unit Open Science and Digital Modelling (Acting), DG CONNECT, European Commission</p> <p><i>Dialogue</i></p> <p>Pierre Bahurel, CEO, Mercator Ocean International  Phil Evans, Director-General, EUMETSAT  Massimo Claudio Comparini, Deputy CEO, ESVP Observation, Exploration, Navigation, Thales Alenia Space  Peter Bauer, Deputy Director of Research/Lead Scientist, ECMWF  Wendy Carrara, Senior Manager for Digital, Intelligence, Airbus Defence and Space</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 Saveliev, 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, Japan Aerospace Exploration Agency</p> <p><i>Moderator: Jorge Coelho de Jesus, EU Affairs Consultant, BBE</i></p>
10:45-11:15	<p><b>Networking Coffee Break</b></p>	

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>Enabling space data uptake by businesses and citizens</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>New multispectral data to enhance Agriculture and 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, SpaceWatch.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="#">Fiammetta Diani</a>, Head of Market Development, EUSPA <a href="#">Alexandre Tisserant</a>, CEO, Kineis <a href="#">Sebastian Fedeli</a>, Managing Director, 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="#">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 Europe</i></p>
13:30-13:45	<p style="text-align: center;"><b>CLOSING ADDRESSES</b></p> <p style="text-align: center;"><a href="#">Thomas Dermine</a>, Secretary of State for Economic Recovery and Strategic Investments, Belgium <a href="#">Adina-Ioana Vălean</a>, Commissioner for Transport, European Commission <a href="#">Marian-Jean Marinescu</a>, Chair of the Sky and Space Intergroup, European Parliament</p>	

14:00-14:15	<b>Digital Conference Welcome</b>	
14:15-15:15	<p><b>Session #15 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 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 Workshop</b></p> <p><b>The advent of 5G: An opportunity for the satellite industry?</b></p>
16:15-16:30	<b>Coffee Break</b>	
16:30-17:30	<p><b>Session #18 Workshop Finance (EIB)</b></p>	<p><b>Session #19 Workshop</b></p>
17:30-18:00	<b>Closing - Conference Wrap-Up</b>	