

09:00 - 10:00

Registration & Breakfast

10:00 - 11:00

Welcome Address**Ingolf Schädler**

Deputy Director General for Innovation at the Austrian Ministry for Transport, Innovation and Technology (BMVIT)

Klaus Pseiner

Managing Director of the Austrian Research Promotion Agency

Petra Bohuslav

State Minister of Lower Austria, representing Governor Johanna Mikl-Leitner

Klaus Schneeberger

Mayor of Wiener Neustadt and chairman of the supervisory board of the University of Applied Sciences Wiener Neustadt

11:00 - 12:00

Keynotes MANUFACTURING**Sebastian Schlund**, University Professor, TU Wien*Manufacturing across Industries. Similarities and differences between various producing industries.***Chester Gillmore**, Vice President of Manufacturing, Planet*How to build and launch more than 200 operational satellites in less than 2 years*

12:00 - 14:00

MANUFACTURING Presentations**B2B Meetings****Alexander Reissner**, CEO, ENPULSION, Austria*Scale meets Space Technology. The pull and push between reliability, cost and scale***Manfred Sust**, RUAG, Austria*To be confirmed***Kurt Irrnberger**, Magna Steyr, Austria*To be confirmed***Johannes Homa**, Lithoz, Austria*New ALM for ceramics***Markus Hatzenbichler**, FOTEC, Austria*Metal Additive Manufacturing for NeoSat***Andreas Merstallinger**, AAC, Austria*To be confirmed***Erich Neubauer**, AT Space, Austria*From prototypes to „mass“ production for space applications***Barbara Imhof**, LIQUIFER, Austria*Manufacturing of tomorrow: Using on site materials to build habitats***Others to be confirmed**

14:00 - 15:00

Buffet Lunch / Exhibition

15:00 - 16:00

Keynotes NEW TECHNOLOGIES**Magali Vaissiere**, Director of Telecommunications and Integrated Applications, ESA*ESA's perspective on New Technologies and their impact on the telecommunication industry***Rafal Modrzewski**, CEO and Founder, ICEYE*The introduction and impact of New Technologies from the perspective of a European start-up***Peter Platzer**, CEO and Founder, SPIRE*SPIRE's experiences within a dynamically changing business environment and how US players adapt to it*

16:00 - 17:45

NEW TECHNOLOGIES Presentations**B2B Meetings****Otto Koudelka**, Head of Institute of Communication Networks and Satellite Communications, TU Graz, Austria*The OPS-SAT and PRETTY Nanosatellite Missions***Jakub Stelmachowski**, Product Development Manager, Astronika, Poland*InSight Hammering Mechanism as an example of custom scientific instrument***Michael Schmidt**, Joanneum Research, Austria*The Growing Use of Ethernet in Space Applications***Carsten Scharlemann**, Head of Aerospace Engineering Department, University of Applied Sciences**Peter Beck**, Radiation Hardness Assurance and Space Weather, Seibersdorf Laboratories, Austria*CLIMB: A nanosatellite mission to the Van Allen Belt***Tomaz Rotovnik**, CEO, SkyLabs, Slovenia*Avionics for emerging space market, Powered by PicoSkyFT Technology***Mihail BOȚAN**, Materials Department, I.N.C.A.S., Romania*Development and manufacturing of Advanced Thermal Protection Systems and evaluation by quick thermal shock testing and microstructure characterization***David Krejci**, ENPULSION, Austria*In-orbit demonstration of IFM Thruster***Name to be confirmed**, FOTEC, Austria*Green propellant, FEFP***Martin Langer**, Chair of Astronautics, TU Munich, Germany*MOVE-II – Flying Novel Satellite Technology on a CubeSat Mission***Name to be confirmed**, ATOS IT Solutions and Services GmbH, Austria*Topic to be confirmed***Michael Schmidt**, Joanneum Research Graz, Austria*Use of EHF frequency bands in satellite communications*

18:00 - 19:30

Side Event

Inauguration cocktail at the ENPULSION production facilities

19:30 - 22:30

Networking-Dinner

Dinner in the aviation museum "Aviaticum" Wiener Neustadt

09:00 - 10:00

Keynotes BIG DATA

Josef Aschbacher, Director of Earth Observation Programmes, ESA
ESA Earth Observation - Driving Innovation

Florian Pappenberger, Director of Forecasts, ECMWF
Fusing Big Data and HPC to Improve Global Weather Forecasting

Erwin Goor, Project Manager and Business Developer, VITO
Proba-V Mission Exploitation Platform as a Node in a European Federation of Platforms: the Belgian Perspective

10:00 - 12:00

BIG DATA Presentations

B2B Meetings

Grega Milcinski, Sinergize, Slovenia

Sentinel Hub - empowering EO developers with seamless access to Big Data

Christian Briese, EO Data Centre and University of Technology Vienna, Austria

EODC - Collaboration in Earth Observation

Jean-Baptiste Lavedrine, Project Manager Mundi (DIAS), Atos, France
The Mundi Copernicus Data and Information Access Services

Thomas Nagler, ENVEO, Austria

Global Monitoring of the Cryosphere Using Sentinel Satellite Data

Stefano Natali, Managing Director Sistema, Austria

eodataservice: a Data Cube Platform to Support Thematic Exploitation of Copernicus Data

Waldemar Franczak, Spectator, Poland

Spectator - Reinventing Image Capture for Satellite Earth Observation

Stephan Meissl, CTO, EOX IT Services, Austria

Services on Big EO Data - an Austrian Industry Perspective

Christian Hoffmann, CEO, GeoVille, Austria

Copernicus Land Monitoring in Action

Lukas Brodsky, Mapradix Geosystems, Czech Republic

Czech National Land Monitoring Services in the Era of Big Data from Space

12:00 - 13:00

Buffet Lunch / Exhibition

13:00 - 14:00

Keynotes SCIENCE

Mark McCaughrean, Senior Scientific Advisor, Directorate of Science and Robotic Exploration, ESA
Europeans: Once explorers, always explorers

Willy Benz, University of Bern, CHEOPS Consortium Principal Investigator
The CHEOPS Mission: Goals and challenges

14:00 - 16:00

SCIENCE Presentations

B2B Meetings

Werner Magnes, Deputy Director, Space Research Institute of the Austrian Academy of Sciences, Austria

The Graz Space Research Institute: Current and Future Challenges

Georg Kirchner, Space Research Institute of the Austrian Academy of Sciences, Austria

Satellite Laser Ranging in Graz: Achievements and Advanced Applications

Franz Kerschbaum, Department of Astrophysics Vienna, University of Vienna Austria

New approaches in stellar evolution

Werner Weiss, Department of Astrophysics Vienna, University of Vienna, Austria

The science leading to BRITE and beyond

Astrid Veronig, Institute of Physics, University of Graz, Austria

Space Weather Activities of the University of Graz within ESA's SSA program and contributions to Solar Orbiter

Rupert Ursin, Deputy Director, IQOQI, Austrian Academy of Sciences, Austria

Quantum technologies for space, current status and future prospects

Gerhard Paar, JOANNEUM RESEARCH, DIGITAL Institute, Austria

Three dimensional (3D) vision processing for planetary robotic missions

Jan Souček, Deputy Head of the Department, Institute of Atmospheric Physics, Czech Academy of Sciences

Plasma wave instruments for future space missions

16:00 - 17:00

Exhibition