



eurospacehub

IBIZA FORUM 2023



G CONSELLERIA
O TRANSICIÓ ENERGÈTICA,
I SECTORS PRODUCTIUS
B I MEMÒRIA DEMOCRÀTICA



EuroSpaceHub Ibiza 2023

FORUM PROGRAM

DAY 1: Wednesday, 3rd May 2023

h 8:30-9:00: Registration time & Breakfast

Media and Social Media breakfast

h 9:00-9:30: Welcome & Opening

Moderators:

→ **Prof. Foing** (CEO LUNEX, partner EuroSpaceHub, Prof. Leiden/EPFL, IAF-ITACCUS chair, SRI President, COSPAR SCB planetary vice-chair);

→ **Jara Pascual** (Founder and CEO Collabwith, Board member Knowledge4Innovation, Chair of WG Innovation Ecosystems at AIOTI, Board member of AMIT-MIT. Author book "Innovation and Collaboration in the Digital Era")

Speakers:

1. **Rafael Ruiz Gonzalez** (Mayor of the City of Ibiza)

2. **Aitor Morras** (Director general innovación del Govern de les Illes Balears)

3. **Tomas Paris** (Director de Promoción Económica y Desarrollo Local en Ayuntamiento de Ibiza)

Leonardo Barilaro, The Space Pianist, performance: "Maleth"

→ **Leonardo Barilaro** (Senior Lecturer in Aerospace Engineering at MCAST (The Malta College of Arts, Science and Technology) Pianist, composer and Aerospace Engineer)

About Maleth:

The space music composition "Maleth" by pianist and aerospace engineer Leonardo Barilaro has been onboard the International Space Station, after the successful launch from Cape Canaveral on 14th July 2022 with the SpaceX CRS25 mission. It was broadcasted to Earth on the 15th August, during the ISS flying over Malta. Dr Barilaro is also a Senior Lecturer in Aerospace Engineering at MCAST and joined forces with Professor Joseph Borg of the University of Malta, the leader of the project. The music is stored on the mission computer

and was broadcasted by Arkafort. "Maleth", name of the running program taking bioscience missions to space and the title of the composition, is the ancient Phoenician term for Malta, and the idea of bringing music to space has risen from the desire of inspiring people and spread awareness about this new era for mankind, on the path of becoming a multi-planetary species.

h 9:30-11:00: Panel discussion "How to leverage public funding for space entrepreneurship, spinoff and industry innovation"

Partner responsible: VilniusTech, EIT Manufacturing

Moderator:

→ **Jara Pascual** (Founder and CEO Collabwith, Board member Knowledge4Innovation, Chair of WG Innovation Ecosystems at AIOTI, Board member of AMIT-MIT. Author book "Innovation and Collaboration in the Digital Era")

Panelists:

1. Lidia Aviles (EU Climate Pact Ambassador and Investor Relations)
2. Taylor Hall (Program Manager EIT Manufacturing)
3. Cecilia Hernandez (Spanish Delegate to ESA Science Programme of ESA at CDTI)
4. Dr. Omar Beidas, Head of Innovation at the Balearic Islands Government
5. (online) Nicolas De La Vallée Poussin (Senior Officer for Mandate and Product Development at the EIF)
6. (online) Stella Tkatchova (EIC Programme Manager for Space at European Innovation Council and SMEs Executive Agency - EISMEA)
7. Liina Laas, (co-founder TheBetterFund)

h 11:00-11:30: Small break between sessions

h 11:30-13:00: Panel discussion "Panel The Cubesat revolution: opening the Space frontier to small proofs. The needs and the challenges"

Partner responsible: Universidad Complutense de Madrid (UCM)

Moderator:

→ **Prof. Juan Carlos Vallejo** (Researcher within the AEGORA research team at the Universidad Complutense de Madrid)

Panelists:

1. Prof. Ana-Ines Gomez de Castro (UCM)
2. (online) Conny Hedman (CFO DTSWE and Former CEO & Founder Satmission)
3. Dr. Bartomeu Serra (Professor in Computer Science and Artificial Intelligence, Member of the Innovation Unit in Cybersecurity Technologies)
4. (online) Federico di Vruno (Co-Director Center for Dark and Quiet Sky from Satellite Constellations and Spectrum Manager at SKA Observatory)
5. (online) Arunas Berzinskas, Nanoavionics
6. KENZA Benamar, R&D /system Engineering Technology Program Implementation at ESA

h 13:00-14:00: Lunch & networking break

h 14:00-14:30: Kickoff ISU Space Business Proof "Pitch your business idea to Space experts of the International Space University Incubator!"

Partner responsible: International Space University

Moderators:

→ **Prof Walter Peeters** (Professor in Space Business and Management at the International Space University, President Emeritus and former Dean. He was also Head of the Coordination Office of the European Astronaut Center in Cologne)

→ **Coralie Lhabitant** (Coordinator of the ISU Incubator and Entrepreneurial Activities)

h 14:30-16:00: Panel discussion "Astronauts Analogues Habitats, Training and Experience"

Partner responsible: Lunex

Moderators:

→ **Prof Bernard Foing** (CEO LUNEX, partner EuroSpaceHub, Prof. Leiden/EPFL, IAF-ITACCUS chair, SRI President, COSPAR SCB planetary vice-chair)

→ **Serena Crotti** (Analog Astronaut at the EMMPOL 8 Mission at the Analog Astronaut Training Center; Venus Biogender Mission at Astroland Interplanetary Agency and EMMIHS23 Hana Hou Mission at the HI-SEAS Base; multidisciplinary Designer, communication Team EuroSpaceHub and EuroMoonMars)

Panelists:

1. (online) Astronaut Dorin Dumitru Prunariu



2. (online) Romain CHARLES , Spaceship ECSAT Coordinator at ESA
3. (online) EMMPOL Crew connected from the Analog Astronaut Training Center MoonBase (Poland)
4. (online) Prof. Elena Fomina, Chief of the Laboratory of Countermeasures to Negative Effects of Microgravity Chief of the Department of Physiology of Human Gravitational Resistance
5. Serena Crotti (EMMPOL, Astroland, HI-SEAS analog astronaut)
6. Sean Molony (EMMPOL analog astronaut)
7. Ava Hutchison (EMMPOL analog astronaut)
8. Cristina Ramirez (Astroland analog astronaut in the Venus Mission)

h 16:00-16:30: Networking Coffee Break

h 16:30-18:00: Panel discussion "How to increase Astronauts' Performance and Wellbeing with Psychology, Emotions and Smells"

Partner responsible: Lunex, Collabwith

Moderator:

→ **Jara Pascual** (Founder and CEO Collabwith, Board member Knowledge4Innovation, Chair of WG Innovation Ecosystems at AIOTI, Board member of AMIT-MIT. Author book "Innovation and Collaboration in the Digital Era")

Panelists:

1. (online) Nick Kanas, former Principal Investigator of several NASA-funded and ESA-sponsored international psychological research projects involving astronauts and cosmonauts in space, and emeritus professor at University of California.
2. (online) David Caruso (Co-Founder, Emotional Intelligence Skills Group / Sr Advisor, Yale College / Research Affiliate, Yale Center for Emotional Intelligence)
3. Sara González de la Torre Muñoz, Adjunct Professor, Neuropsychology and Experimental Psychology Lab, University of Cadiz
4. Celia Avila-Rauch (PhD. Space Psychology at University of Cadiz, Psychotherapist, Coach and Supervisor. Trainer in Emotional Intelligence Skills. Analog Astronaut at the EMMIHS23 Hana Hou Mission at HI-SEAS)
5. (online) Donald Claeys, former Pilot at Brussels Airlines
6. Serena Crotti (MSc Integrated Product Design, Politecnico di Milano, Space Design Researcher; EMMPOL, Astroland, HI-SEAS analog astronaut)
7. Camila Tomas (VP Digital Innovation PUIG)

8. *Camille Latron (Perfumiste)*
9. *Guillem Oña (GM of Airparfum and Technical Director at PUIG Innovation)*

h 18:00-18:30: Emotions and music, “Breathing to manage emotions like an astronaut”, with

→ **Celia Avila Rauch** (PhD. Space Psychology at University of Cadiz, Psychotherapist, Coach and Supervisor. Trainer in Emotional Intelligence Skills. Analog Astronaut at the EMMIHS23 Hana Hou Mission at HI-SEAS)

→ **Sandra Loewe** (Singer-songwriter, producer and electronic musician)

18:30-19:30: Panel “Space & Art and Artwork awards”

Moderator:

→ **Prof Bernard Foing** (CEO LUNEX, partner EuroSpaceHub, Prof. Leiden/EPFL, IAF-ITACCUS chair, SRI President, COSPAR SCB planetary vice-chair)

Panelists:

1. *Mary Kuiper (Dutch Artist who sent her artwork "Sending Mitochondrial DNA to the Moon" on the ISS as part of the "Moon Gallery" project, expert International Committee for the Cultural Utilisation of Space - ITACCUS)*
2. *Serena Crotti (MSc Integrated Product Design Politecnico di Milano, EuroSpaceHub Communication Team)*
3. *Diana Bustamante (Artis, ARTAMBB - Associació d'amics de l'art contemporani de les illes balears - Ibiza art committee)*
4. *Carmen Liberal, Artist from Ibiza*

End of the day

DAY 2: Thursday, 4th May 2023

h 8:30-9:00: Breakfast and registration time

Diversity Talk

Leonardo Barilaro, The Space Pianist, performance: "ZERO"

→ **Leonardo Barilaro** (Senior Lecturer in Aerospace Engineering at MCAST (The Malta College of Arts, Science and Technology) Pianist, composer and Aerospace Engineer)

About "ZERO":

The space music composition "ZERO" by pianist and aerospace engineer Leonardo Barilaro was onboard the International Space Station with the mission Maleth 3, after the successful NASA launch from Cape Canaveral on 14th March 2023, onboard SpaceX CRS27 rocket launch. This is the second time that the music of the Space Pianist is reaching orbit around Earth and is streamed live from Space. Zero is also the absence of all quantity considered as quantity, it is the making of Something out of Nothing and this revolutionized not only math but also human society. "ZERO" is the evolution of the previous space music composition that was onboard the International Space Station, i.e. "Maleth", where the Astronaut was leaving Earth, our Safe Harbour, to pass through another dimension. In this new composition for piano and synth, the travel leads the Astronaut to discover himself reflected into the Universe, while the Universe is reflected into him in a waterfall of harmonies and cosmic wind of notes. Through his innovative fusion of music and science, Leonardo the Space Pianist aims to inspire and spread awareness about Space exploration and its possibilities for human civilization.

h 9:00-10:30: Panel discussion "How to bring Space Research to Collaboration for Innovation"

Partner responsible: Lunex, VilniusTech, UCM

Moderators:

→ **Prof Bernard Foing** (CEO LUNEX, partner EuroSpaceHub, Prof. Leiden/EPFL, IAF-ITACCUS chair, SRI President, COSPAR SCB planetary vice-chair)

→ **Prof Ioana Roxana Perrier** (Professor Space Engineering at IPSA)

Panelists:

1. (online) Astronaut Dorin Dumitru Prunariu (introductory kick-off)
2. Julia Wolny (Professor in Digital Innovation and Responsible Marketing at EADA Business School Barcelona and Director of Impact)
3. Leonardo Barilaro (Senior Lecturer in Aerospace Engineering at MCAST (The Malta College of Arts, Science and Technology) Pianist, composer and Aerospace Engineer)
5. Tomas Ducai (Student of Microbiology & Genetics at the Institute of Science and Technology Austria - ISTA - and Philosophy & Psychology at the University of Vienna; Board Member within the Community of Human Analogue Space Missions - CHASM)

6. *Enrique Sanchez (EU Quantum Flagship - QCN & Head of Policy at European Physical Society)*
7. *Ana Ines Gomez de Castro (Full professor in Astronomy and Astrophysics and member of the Mathematics Faculty in the Universidad Complutense de Madrid)*
8. *Lina Baksiene (Tech transfer Office & IP lawyer, VilniusTech)*

h 10:30-11:00: Small break between sessions

h 11:00-12:30: Panel discussion “How to Digitalize an Innovation Ecosystem to Increase Collaboration and Performance for Space and Aviation ecosystem EuroSpaceHub”

Partner responsible: *Collabwith*

Moderator:

→ **Jara Pascual** (*Founder and CEO Collabwith, Board member Knowledge4Innovation, Chair of WG Innovation Ecosystems at AIOTI, Board member of AMIT-MIT. Author book "Innovation and Collaboration in the Digital Era"*)

Panelists:

1. *Roland Strauss (Co-founder and Managing Director Knowledge4Innovation)*
2. *(online) Kimmo Isbjörnssund (Head of ESA BIC Finland)*
3. *(online) Diana Mastracci (Founder of Space4Innovation and satellite engineer)*
4. *Tristan Makkink (Innovation Manager at KLM Royal Dutch Airlines)*
5. *Joana Kamenova (Commercialisation Officer at European Space Agency - ESA)*
6. *Krisjanis Krakops (EuroSpaceHub platform coordinator for the University of Latvia)*

h 12:30-14:00: Lunch and Networking Break

h 14:00-15:30: Panel “The Future of Space Education, Big Data, Societal Impact and Innovation for Entrepreneurship”

Partner responsible: *UCM*

Moderator:

→ **Prof. Ana-Ines Gomez de Castro** (*Full professor in Astronomy and Astrophysics and member of the Mathematics Faculty in the Universidad Complutense de Madrid*)

Panelists:

1. *Roxana Perrier (Professor Space Engineering at IPSA)*
2. *Bernard Foing (CEO LUNEX, partner EuroSpaceHub, Prof. Leiden/EPFL, IAF-ITACCUS chair, SRI President, COSPAR SCB planetary vice-chair)*
3. *Andrius Katkevicius (Professor Department of Electronic Systems at VilniusTech)*
4. *Josep Malagrava (Director General for Energy and Climate Change at the Government of the Balearic Islands)*
5. *Prof. Isabel Perez-Grande, Professor University Politecnica of Madrid*
6. *Laurynas Sisovas, Vice-dean Aerospace at VilniusTech*

h 15:30-16:00: Networking Coffee Break

h 16:00-17:30: Panel "How to increase the successful spinoff from research to entrepreneurship"

Partner responsible: *VilniusTech*

Moderator:

→ **Jara Pascual** (*Founder and CEO Collabwith, Board member Knowledge4Innovation, Chair of WG Innovation Ecosystems at AIOTI, Board member of AMIT-MIT. Author book "Innovation and Collaboration in the Digital Era"*)

Panelists:

1. *Linas Juknevicius (Dean of Antanas Gustaitis' aviation institute at Vilnius Gediminas Technical University)*
2. *Maximo Roa (DLR German Aerospace Center Institute of Robotics and Mechatronics Autonomy and Teleoperation)*
3. *Tal Catran (Accelerator GURU)*
4. *(online) Arunas Berzinskas (Lead Grants Manager at NanoAvionics)*

h 17:30-18:30 Transfer time from Can Ventosa to Sant Josep (Kumharas - Carrer de Lugo, 2, Sant Josep de Sa Talaia, Ibiza)

h 18:30: Evening Panel "Space & Music: Why Space is inspiration and why music is important for Space missions" Co-organized with DIPEF (Asociación DJ's i Productors d'Eivissa i Formentera)

Moderators:

→ **Jara Pascual** (Founder and CEO Collabwith, Board member Knowledge4Innovation, Chair of WG Innovation Ecosystems at AIOTI, Board member of AMIT-MIT. Author book "Innovation and Collaboration in the Digital Era")

→ **Christian Len** (Co-author book "Balearic", Presidente DIPEF - Asociación DJ's i Productors d'Eivissa i Formentera - Co-founder and Creative Director Flood.audio)

Panelists:

1. Leonardo Barilaro, The Space Pianist (musician, lecturer and aerospace Engineer)
2. Sandra Loewe (singer-songwriter, producer, and electronic musician)
3. Lenny Ibizarre (musician - Ibizarre Records)
4. Kim Booth (music & event promoter - Cosmic Pineapple)

Following: Sunset LIVE music session with Leonardo The Space Pianist & DJ Pippi (live) - Sandra Loewe (live) - Tania Moon (dj set)

End of the day

DAY 3: Friday, 5th May 2023

h 8:30-9:00: Breakfast and Registration

h 9:00-10:30: Panel discussion "Policies for Space Innovation and Space Entrepreneurship"

Partner responsible: VilniusTech, Collabwith

Moderator:

→ **Jara Pascual** (Founder and CEO Collabwith, Board member Knowledge4Innovation, Chair of WG Innovation Ecosystems at AIOTI, Board member of AMIT-MIT. Author book "Innovation and Collaboration in the Digital Era")

Panelists:

1. (online) MEP Lina Galvez, Member of the European Parliament (special video message)
2. Konstantinos Georgoulas (Director, European Affairs and RIS at EIT Manufacturing)
3. (online) Panagiotis Alex Sevdalis (Policy Officer - Unit for Innovation Policy and Access to Finance - Directorate General for Research & Innovation at the European Commission)

4. *Inma Salamanca (RDI Projects and Communication Coordinator at Fundació BIT - Govern Balear)*
5. *Cecilia Hernandez (Spanish Delegate to ESA Science Programme at CDTI Centro para el Desarrollo Tecnológico Industrial)*
6. *(online) Vilma Purienė (Director of the Knowledge and Technology Transfer Centre at VilniusTech)*

h 10:30-11:00: Small buffer break between sessions

h 11:00-12:00: Panel discussion “How Space Diplomacy and law are driving international collaborations for innovation”

Partner responsible: Lunex

Moderator:

→ **Prof Bernard Foing** (CEO LUNEX, partner EuroSpaceHub, Prof. Leiden/EPFL, IAF-ITACCUS chair, SRI President, COSPAR SCB planetary vice-chair)

Panelists:

1. *Rafael Harillo Gómez-Pastrana (AEDAE Board, Partner Director Stardust Consulting, Senior Adviser and Counsel at Interflight Global Europe)*
2. *Adriano V. Autino (CEO, Former President, founder Space Renaissance International; SRI Ambassador)*
3. *Jana Budkovskaja (CEO Prototron Fund and Co-founder The Better Fund)*
4. *(online) Marlene Losier, International Legal Expert and Director, Space Law Policy Expert at Space Renaissance International*
5. *Ava Hutchison (EuroSpaceHub Academy Student Researcher in International Outer Space Law. Analog Astronaut at the EMMPOL 15 Mission)*

h 12:00-12:30: Closing Ceremony

Speakers:

1. *Aitor Morras (Director general innovación del Govern de les Illes Balears)*
2. *Tomas Paris (Director de Promoción Económica y Desarrollo Local en Ayuntamiento de Ibiza)*

End of the Forum.



eurospacehub IBIZA FORUM 2023



Co-funded by the
European Union



G
O
T
B

CONSELLERIA
TRANSICIÓ ENERGÈTICA,
SECTORS PRODUCTIUS
I MEMÒRIA DEMOCRÀTICA

