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EXPO 2020 DUBAI - ITALIAN PAVILION

18th October 2021 | Anfiteatro

SPACE 4 SUSTAINABILITY

Research, design and technologies to and from space

16.00

WELCOME REMARKS

Moderator: **Emilio Cozzi**, Journalist

Paolo Glisenti, Italy's Commissioner General for Expo 2020 Dubai

Giulio Ranzo, Chief Executive Officer of Avio Spa

Giorgio Saccoccia, President of Italian Space Agency

Stéphane Israël, Chief Executive Officer of Arianespace

Massimo Claudio Comparini, Chief Executive Officer of Thales Alenia Space

Luigi Pasquali, Space Activities Coordinator at Leonardo and Chief Executive Officer of Telespazio

16.20

SPACE AND SUSTAINABILITY: NEW CHALLENGES IN ORBIT

8 tons of debris in overcrowded orbits arise as new unsustainable aspect in space explorations

LIKE A FISHERMAN IN THE SPACE

Michèle Lavagna, Professor at Politecnico di Milano – Aerospace Science & Technology Dept

THE SPACE RIDER: THE NEW EUROPEAN MULTIPURPOSE SPACE VEHICLE

Giulio Ranzo, CEO of Avio

SPACE ECONOMY OPPORTUNITIES FOR SMES IN THE ERA OF COMMERCIAL SPACEFLIGHT

Andrea Pontremoli, CEO and General Manager of Dallara

17.00

SPECIAL GUEST - **LUCA PARMITANO**, ESA Astronaut

17.15

SPACE 4 INSPIRATION

Materials for future space colonization and most significant repercussions of space exploration on sustainability, health and well-being, food and safety

DESIGN IN ORBIT

Annalisa Dominoni & Benedetto Quaquaro, Professors at Politecnico di Milano - Design Department

TALK SESSION WITH

SMALL SATELLITES & HUMAN SPACE FLIGHT

David Avino, CEO ARGOTEC

SPIRULINA IN SPACE, ZERO GRAVITY CULTIVATION

Gilberto Gabrielli, CEO Tolo Green

Giacomo CAO, Sole Administrator of CRS4 and Legal Representative of Sardinia AeroSpace District

MEDICAL EXPERIMENTS IN MICROGRAVITY ON AGING

Livia Visai, Associate Professor in Biochemistry, University of Pavia

18.00

CLOSING REMARKS

