



4.06.2018

**THE NEW SPACE ECONOMY:
OPPORTUNITIES AND CHALLENGES FOR THE
EUROPEAN SPACE INDUSTRY**

H. 9.30 - CLASSROOM 01
VIA BOCCONI, 8 - MILANO

According to the OECD, "the space economy is the full range of activities and use of resources that create value and benefits to human beings in the course of exploring, researching, managing, and utilizing space". The conference invites representatives of European Space Institutions, other space faring nations' institutions, academia, industries, and successful entrepreneurs to discuss the evolution of the space economy, future global challenges, new territories and foreseeable future opportunities.

9.00 REGISTRATION

9.30 WELCOME AND OPENING

Giuseppe Soda, Dean SDA Bocconi

9.40 - 10.45 **FIRST SESSION: SETTING THE STAGE**

CHAIR PERSON:

Michelle Lavagna, Politecnico Milano

THE STRENGTH OF DIVERSITY

Patrizia Caraveo, INAF

THE SPACE ECONOMY

Roberto Battiston, ASI

THE EVOLVING INTERACTIONS BETWEEN SPACE
AGENCIES AND THE PRIVATE SECTOR IN THE
DEVELOPMENT OF THE SPACE ECONOMY

Gilles Rabin, CNES

COFFEE BREAK

11.10 - 12.25 **SECOND SESSION: THE SHORT TERM PERSPECTIVES OF
THE SPACE ECONOMY**

CHAIR PERSON: **Michelle Lavagna**, Politecnico Milano

INTEGRATED SYSTEMS OF SMALL SATELLITES WITH ELECTRIC
PROPULSION

Sabrina Corpino, Politecnico Torino

GLOBAL CONNETTIVITY AND EARTH OBSERVATION: THE ECONOMY
OF SATELLITE SERVICES IN THE AGE OF BIG DATA AND ANALYTICS

Massimo Comparini, e-GEOS, Telespazio

R(E)VOLUTION IN SPACE: FROM INSTITUTIONAL SPACE EXPLORATION
TO COMMERCIAL BUSINESS

Vincenzo Giorgio, Altec

NETWORKING LUNCH

13.25 - 14.40 **THIRD SESSION: THE MEDIUM-LONG TERM
PERSPECTIVES OF THE SPACE ECONOMY**

CHAIR PERSON: **Patrizia Caraveo**, INAF

THE GLOBAL CHALLENGES: THE LIMITS OF GROWTH REVISITED

Ugo Bardi, University of Florence

SPACE MINING: ADVANTAGES AND CHALLENGES

Art Dula, Excalibur Almatz

LOW COSTS TECHNOLOGIES TO REACH MARS: OVERVIEW AND AREAS
OF RESEARCH

Giancarlo Genta, Politecnico Torino

14.45 - 15.35 **FOURTH SESSION: CHALLENGES FOR SPACE MINING**

CHAIR PERSON: **Andrea Sommariva**, SEE Lab SDA Bocconi

THE INTERNATIONAL LEGAL FRAMEWORKS

Ian Christensen, Secure World Foundation

INTERNATIONAL COOPERATION

Gianluigi Baldesi, ESA

COFFEE BREAK

16.00 - 18.10 **ROUND TABLE:**

CHALLENGES AND OPPORTUNITIES FACING EUROPE

Moderator: **Andrea Sommariva**, SEE Lab SDA Bocconi

Speakers: **Gianluigi Baldesi**, Senior Corporate Development Coordinator at
ESA - **Mauro Facchini**, Head of Copernicus Unit DG Grow, European
Commission - **Henry Hertzfeld**, Space Policy Institute, George Washington
University - **Luigi Pasquali**, CEO Telespazio - **Nicola Zaccheo**, CEO Sitael

18.15 - 18.30 CLOSING REMARKS AND SEE LAB AT A GLANCE

Andrea Sommariva, SEE Lab SDA Bocconi

Participation is free and upon invitation. To register [click here](#)