

IAF Global Networking Forum

IAF Spring Meetings 2019 | Programme

27 March 2019 - New Cap Event Center

Paris, France



Meet. Share. Connect.

GNF Morning Session

08:00 – 08:30

Results from the International Space Forum 2018 in Buenos Aires – The Latin American and Caribbean Chapter

The Head of International Relations of the Italian Space Agency (ASI), Dr. Gabriella Arrigo, will be presenting the results and outcomes of the 3rd International Space Forum at Ministerial Level that took place in Buenos Aires, Argentina in November 2018 where important aspects regarding the role space technologies for the socio-economic development of the region were discussed.

Speaker:

Gabriella Arrigo

Head of International Relations
Italian Space Agency (ASI)
Italy



08:30 – 09:00

Welcome (back) to Space: An Overview of SS2's Historic Spaceflights

Virgin Galactic, a privately funded company based in the United States, is on-track to become the world's first commercial space-line. Virgin Galactic is currently testing SpaceShipTwo, a reusable vehicle designed to reach space altitudes on frequent, affordable, and safe suborbital voyages. Virgin Galactic's vehicles have been designed with the intention of setting new standards for human spaceflight safety, frequency, flexibility, and cost. Our suborbital spaceflight system consists of two vehicles: WhiteKnightTwo is a four-engine, dual-fuselage jet aircraft capable of high-altitude heavy lift missions, including but not limited to fulfilling its role as a mothership for SpaceShipTwo, a suborbital spaceplane designed to safely and routinely transport people and payloads to space and back.

Virgin Galactic's current vehicle, named VSS Unity, is presently undergoing flight testing at our facilities in Mojave, CA, USA. Unity made its maiden flight to space on December 13, 2018 reaching almost three times the speed of sound and an apogee of 82.7 km. The flight was piloted by Mark "Forger" Stucky and Frederick "CJ" Sturkow who received their FAA Commercial Astronaut wings in Washington D.C. after the flight. On February 22, 2019 Unity reached space for a second time reaching speeds of Mach 3.04 and an apogee of almost

90km. This flight carried three people into space - pilots Dave Mackay and Michael "Sooch" Masucci, and Galactic's chief astronaut trainer Beth Moses.

A representative from Virgin Galactic will provide an overview of these historic spaceflights, and discuss the company's future operations and its goals to open space for all.

Speaker:

Stephen Attenborough
Commercial Director
Virgin Galactic
United States



GNF Afternoon Session

17:30 – 18:30

ISS and Beyond: Commercialisation, Privatisation and Global Collaboration

Since 20 years the International Space Station - ISS - is the most impressive machine in space. The ISS Partners NASA (USA), Roscosmos (Russia), JAXA (Japan), ESA (Europe) and CSA (Canada) have agreed to operate the Space Station until 2024. But what becomes of the ISS and what's beyond?

What will be the next "Big Thing"? What kind of role will the different Space Agencies play? Are we able to broaden our horizon and invite other states (China, India or the United Arab Emirates for example) to be part of the next "Big Thing"?

These and more questions will be discussed with different key players of the Space Community.



Speakers:***Sam Scimemi***

Director for International Space Station
National Aeronautics and Space
Administration (NASA)
United States

Junichiro Kawaguchi

Professor and Senior Fellow
Institute of Space and Astronautical
Science (ISAS)
Japan Aerospace Exploration Agency
(JAXA)
Japan

Pascale Ehrenfreund

Chair of the Executive Board
German Aerospace Center (DLR)
Germany

Jean-Yves Le Gall

President
Centre National d'Etudes Spatiales (CNES)
France

Piero Benvenuti

Special Commissioner
Italian Space Agency (ASI)
Italy

Sergey Krikalev

Executive Director of Piloted Spaceflights,
ROSCOSMOS
Russian Federation

MODERATOR

Jan Wörner
Director General
European Space Agency (ESA)
France

18:40 – 19:10**An Overview of the Mission of Chang'e 4 Lunar Probe**

Chang'e 4 Lunar Probe had softly landed on the farside of the Moon for the first time in the world and carried out in-situ and roving exploration. In this presentation, the scientific significance and engineering difficulties of Chang'e 4 are introduced and the probe's general design, including the aspects of landing site selection, relay communication, trajectory design of relay satellite. Furthermore, the prospect of the prominent technological breakthrough of Chang'e 4 will be described.

Speaker:***Li Ming***

Vice President
China Academy of Space Technology (CAST)
China

19:15 – 19:45

Moon Village Association: Preparing a Solid Ground for the Moon Village

The event will feature few presentations followed by Q&A. The topics of the presentations are:

- Moon Village Association activities status
- Presentation of the MV Principles and announcement of the first Moon Village Mission and Activity
- Presentation of the "Women on the Moon" initiative
- Q&A session



Speakers:

Giuseppe Reibaldi

President
Moon Village Association
Italy

Emeline De Antonio

Member of the Board of Directors
Moon Village Association
Russian Federation

Gongling SUN

Member of the Board of Directors
Moon Village Association
France

MODERATOR

Oleg Ventskovsky
European Office Director
Yuzhnoye
Belgium

19:45 – 20:00

Baku – Candidate City from Azercosmos to Host 73rd IAC in 2022

At this event the guests will get acquainted with the Candidate City Baku, which is considered a commercial, political and cultural bridge between East and West, North and South for many centuries. In addition, guests will meet Azercosmos, the one and only satellite operator in South Caucasus, which is to organize the 73th International Astronautical Congress (IAC) in 2022.

At the promotional event the Chairman of the Board & CEO of Azercosmos Mr. Rashad Nabiyev will talk about Azercosmos, its satellites, projects and contributions to the space industry as well as to the start-up ecosystem. He will tell about the steps taken by Azercosmos in international cooperation for the achievement of the goals to turn Azerbaijan into an important space science and technology hub of the region.

After Mr. Nabiyev's speech, the representative of State Tourism Agency of the Republic of Azerbaijan Ms. Sevda Aliyeva will give information about Baku city. Ms. Aliyeva will mention the large-scale international events to which Baku served as a host city throughout the past years, how the guests enjoyed those events hold in the largest city of the Caucasus region tasting its delicious food, walking through the walls of Old City and enjoying various entertainment.

Both speeches will be accompanied by videos.



Speakers:

Rashad Nabiyev

CEO
Azercosmos
Azerbaijan

Sevda Aliyeva

Deputy Director
Azerbaijan Convention Bureau
Azerbaijan

MODERATOR

Aysel Soltanova

PR Director
Azercosmos
Azerbaijan

Submit your proposal for a GNF at IAC 2019!



In the frame of our upcoming 70th International Astronautical Congress (IAC) we would like to invite you, as IAF Member, to actively participate in the discussion by proposing a Global Networking Forum (GNF) session.

In line with the IAF's motto "*Connecting @All Space People*" and its mission to promote partnerships in the space community, to advance international development, to share knowledge and to prepare the workforce of tomorrow, the GNF is - year after year - fostering the exchange and the collaboration between diversified audiences of representatives.

Help us foster the interaction and the discussion with small & medium-sized enterprises, R&D institutions, universities and larger organisations through the IAF Global Networking Forum.

Be part of this unique endeavour by submitting a GNF Proposal at gnf@iafastro.org

Global Networking Forum.

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Connecting @ll Space People



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