



69TH INTERNATIONAL ASTRONAUTICAL CONGRESS BREMEN 2018



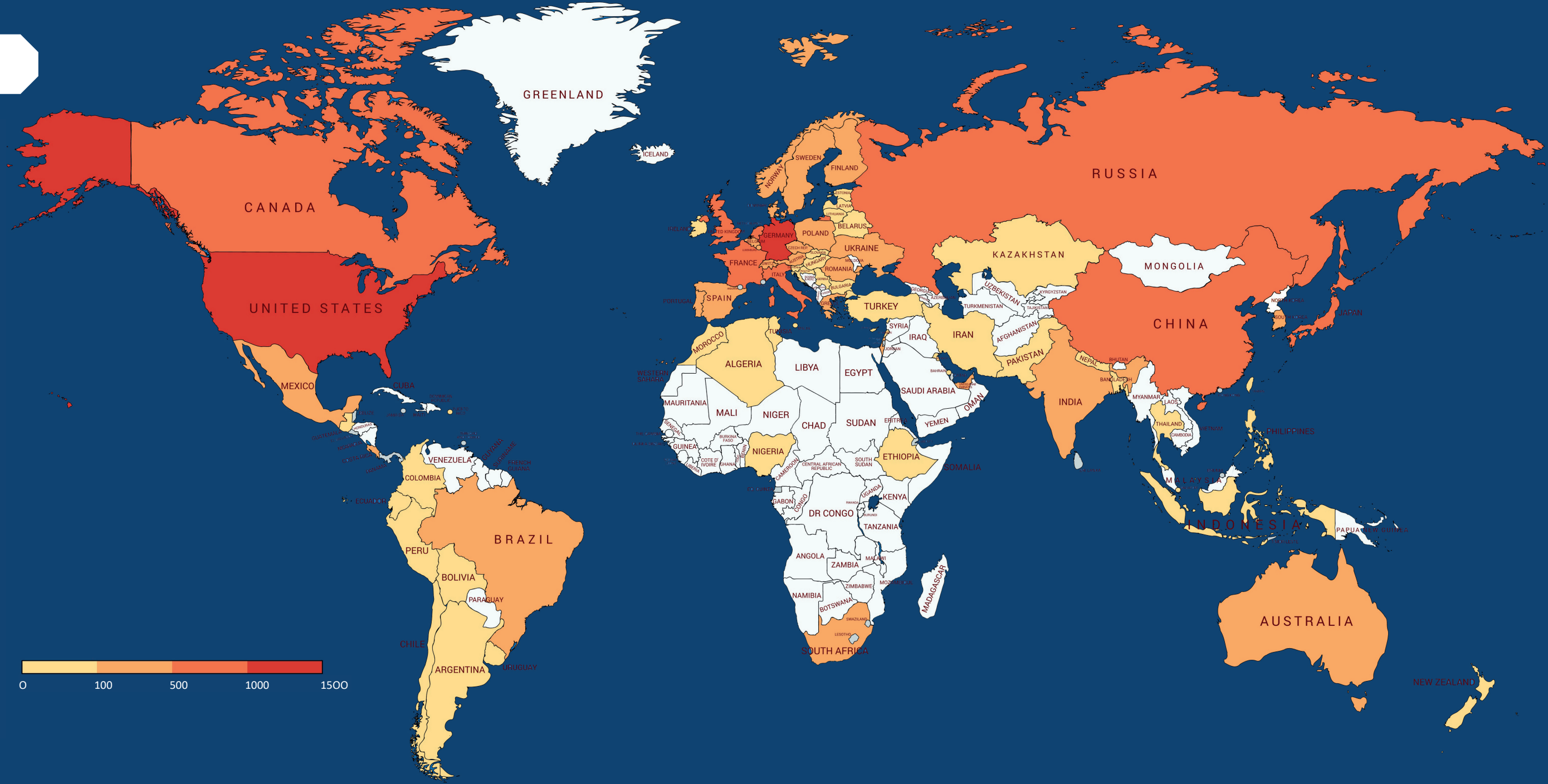
HIGHLIGHTS

#INVOLVING
EVERYONE



81 countries represented at IAC 2018

- | | | |
|-----------------------|----------------|-----------------|
| Germany | Finland | Malta |
| United States | Greece | Mauritius |
| France | Costa Rica | Philippines |
| Italy | Romania | Serbia |
| China | Portugal | Slovakia |
| Japan | Hungary | Solomon Islands |
| United Kingdom | Thailand | Algeria |
| Netherlands | Turkey | Azerbaijan |
| Russian Federation | Ireland | Bahrain |
| Canada | New Zealand | Bolivia |
| Australia | Singapore | Cyprus |
| Spain | Estonia | Ecuador |
| Austria | Indonesia | Ethiopia |
| Poland | Slovenia | Guatemala |
| Belgium | Bulgaria | Latvia |
| India | Chile | Lebanon |
| South Korea (ROK) | Colombia | Morocco |
| Switzerland | Lithuania | Nepal |
| United Arab Emir-ates | Belarus | Nigeria |
| Denmark | Pakistan | Puerto Rico |
| Norway | Peru | Tunisia |
| Sweden | American Samoa | Uruguay |
| Brazil | Argentina | |
| Luxembourg | Bangladesh | |
| Ukraine | Croatia | |
| South Africa | Iran | |
| Mexico | Kazakhstan | |
| Czech Republic | Kuwait | |
| Israel | | |



The 69th International Astronautical Congress was an impressive IAC that broke many records! It truly lived up to its motto *#InvolvingEveryone* by bringing together the record number of 6,548 delegates from 81 countries in Bremen. This year a special programme had been created for the public day, which saw more than 10,000 participants that witnessed the exceptional live session with Alexander Gerst from the International Space Station (ISS).

IAC 2018 proved to be the most intense yet, with a full-packed schedule for the whole five days. The Plenary Programme saw many interesting panels, including a Highlight Lecture on business opportunities in space by Tom Enders from Airbus and a Late Breaking News session on the space missions HAYABUSA2, MASCOT, MINERVA II. The Technical Programme received a record number of abstract submissions and authors from all over the world came to present their research in 179 Technical Sessions and in the Interactive Presentation Session. As part of the Technical Programme, the new format Special Sessions (SpS) was introduced for the first time. The IAF Global Networking Forum has grown in recent years and offered a record of 46 GNF Sessions on a variety of topics.

In the IAF General Assembly, several important decisions were taken. Pascale Ehrenfreund, Chair of the DLR Executive Board, was elected as the new Incoming IAF President, and will be the first female president of the Federation. Her presidency will begin in October 2019. Additionally Paris, France was selected as Host City for IAC 2021. The Hosting Organization is the Centre National d'Études Spatiales (CNES), a member of IAF since 1981.

I hope you will enjoy this booklet capturing all the main highlights of IAC 2018 in Bremen. The next IAC will be held in Washington D.C. 21-25 October 2019. I look forward to welcoming you @II at IAC 2019!



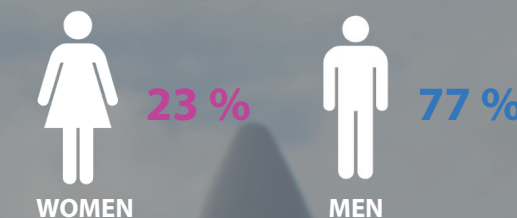
Jean-Yves Le Gall
President
International Astronautical Federation

WELCOME MESSAGE

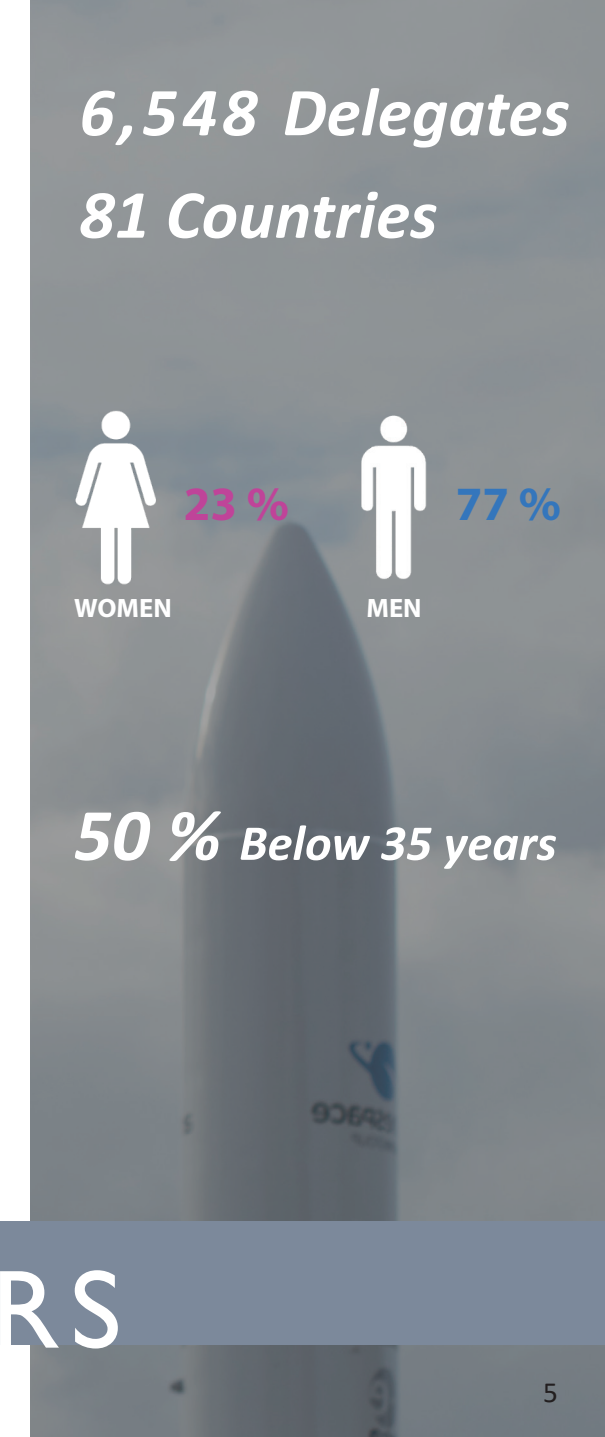
IAC2018 IN NUMBERS



6,548 Delegates
81 Countries



50 % Below 35 years





- IAF International Meeting for Members of Parliaments (MoP)
- Cross-Cultural Communications and Presentation Workshop
- IPMC Young Professionals Workshop
- Educators Professional Development Workshop
- IAA Academy Day



- Space Generation Congress (SGC)
- IAF Bureau Meetings
- IAF Technical and Administrative Committee Meetings
- IPC General Meeting
- IAF Workshop supported by the UN

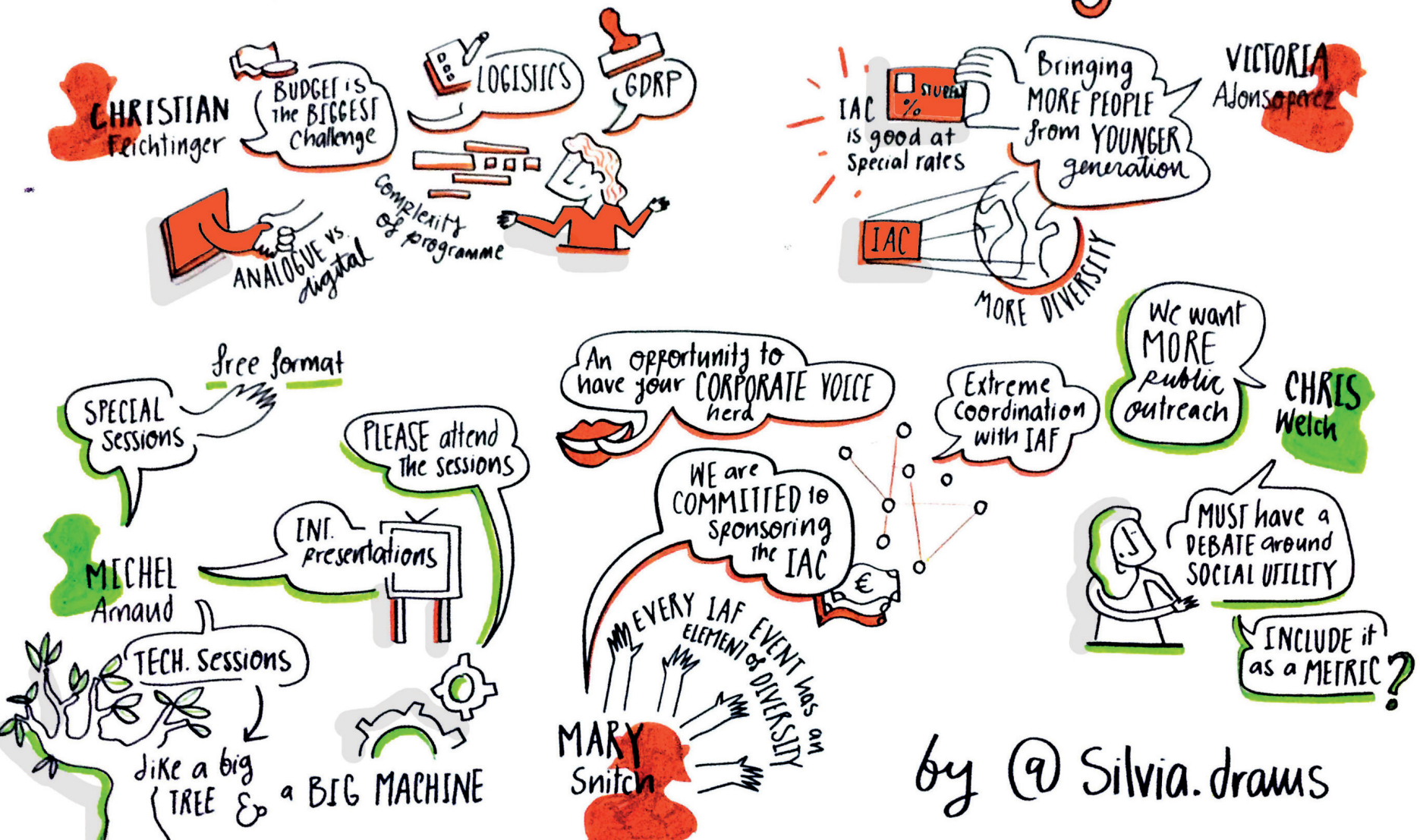


PRE-CONGRESS



IAC HOSTS Summit

A COMPARATIVE PERSPECTIVE on IAC Challenges



IAC Hosts Summit





OPENING CEREMONY



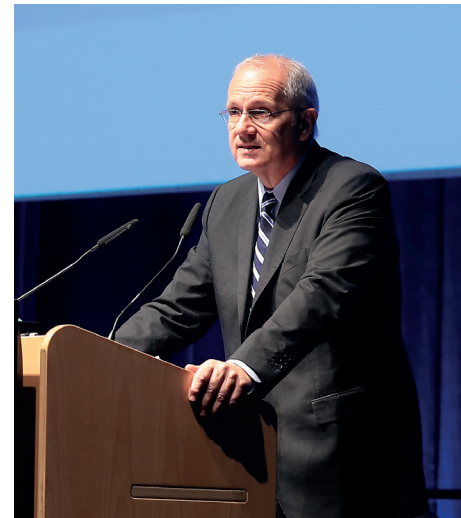
MONDAY



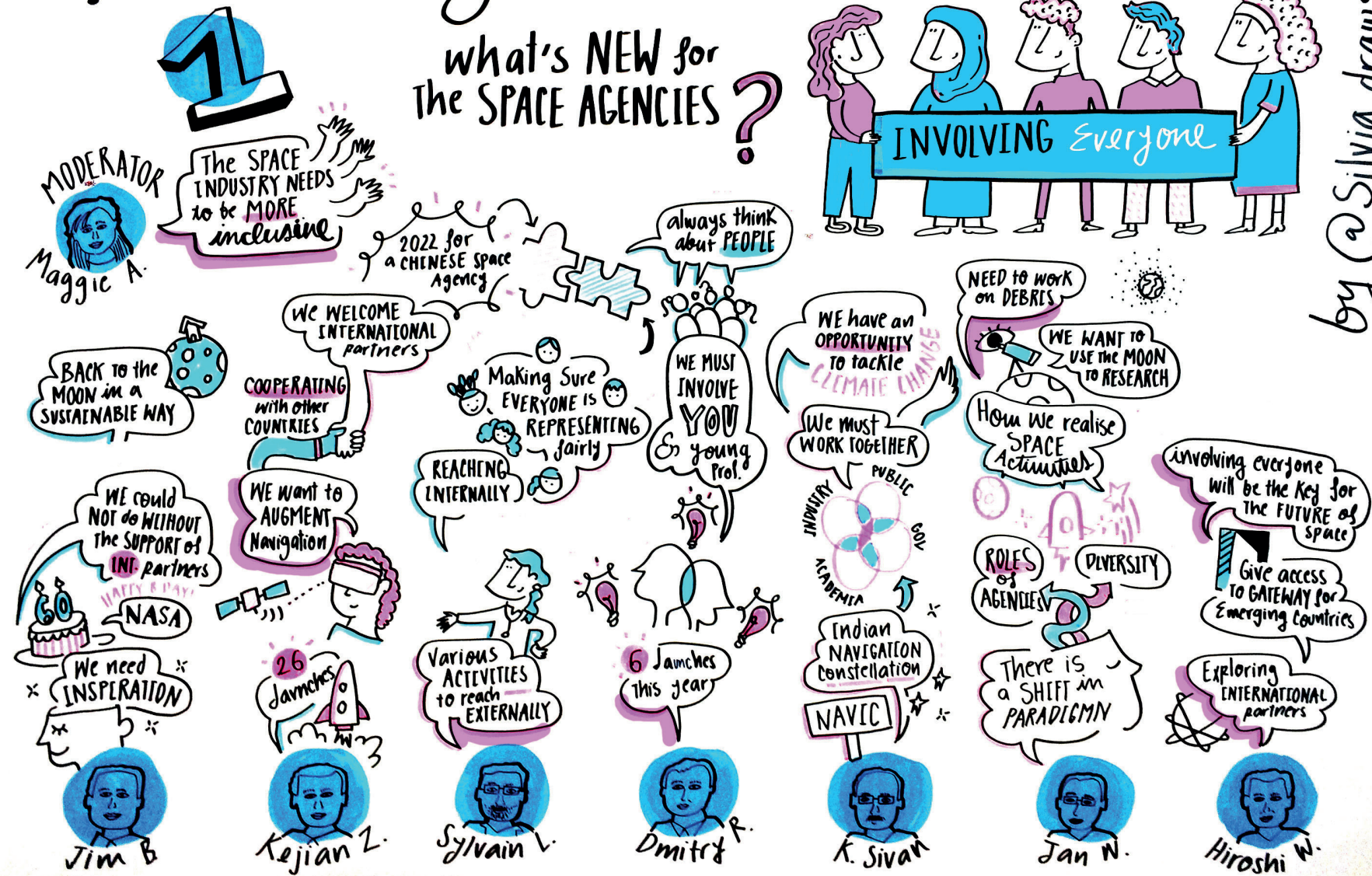


EXHIBITION OPENING





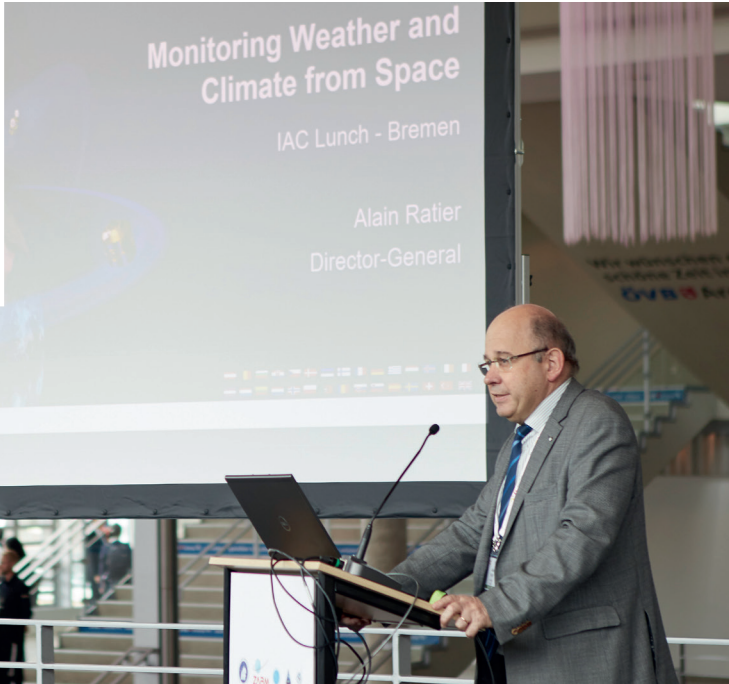
plenary : HEADS of AGENCIES



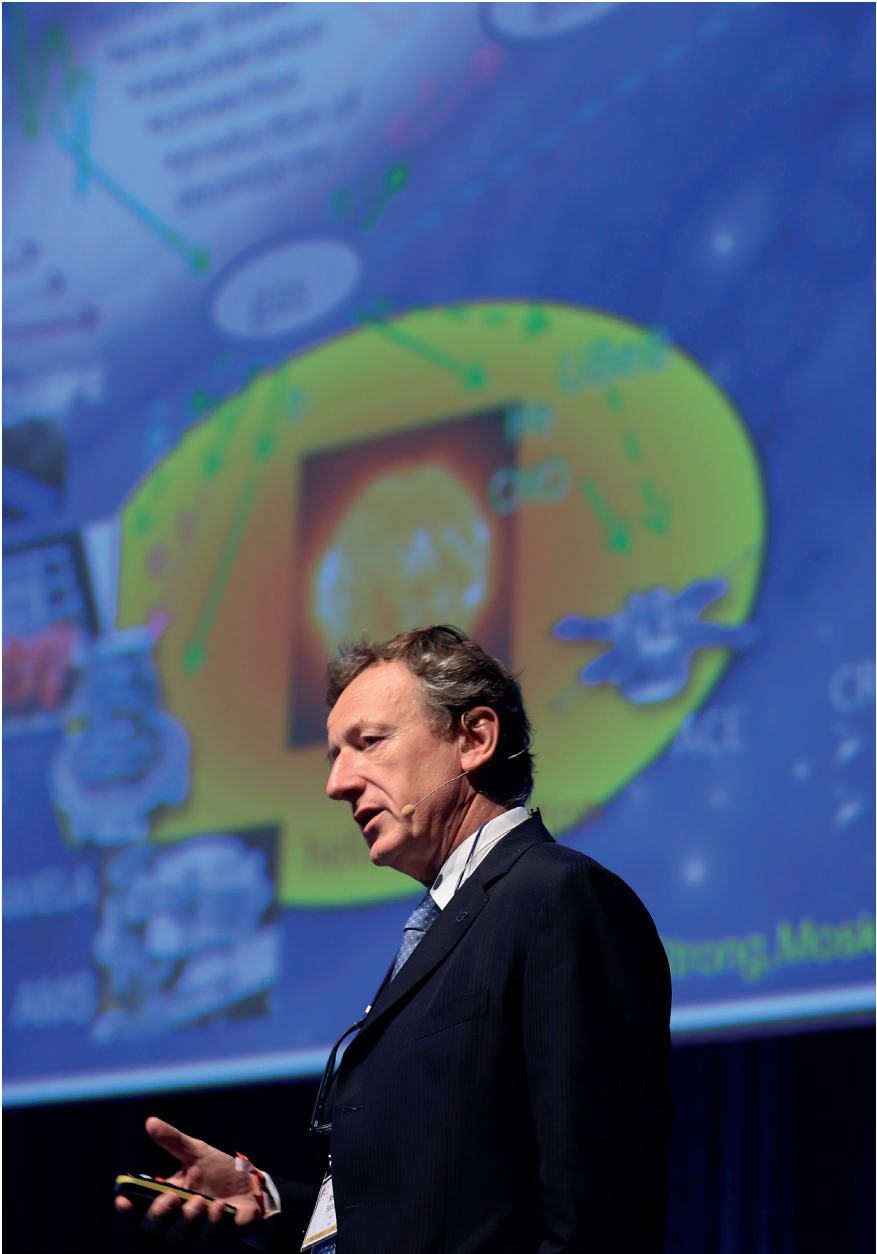
EUMETSAT Luncheon



MONITORING WEATHER AND CLIMATE FROM SPACE



IAF Global Networking Forum



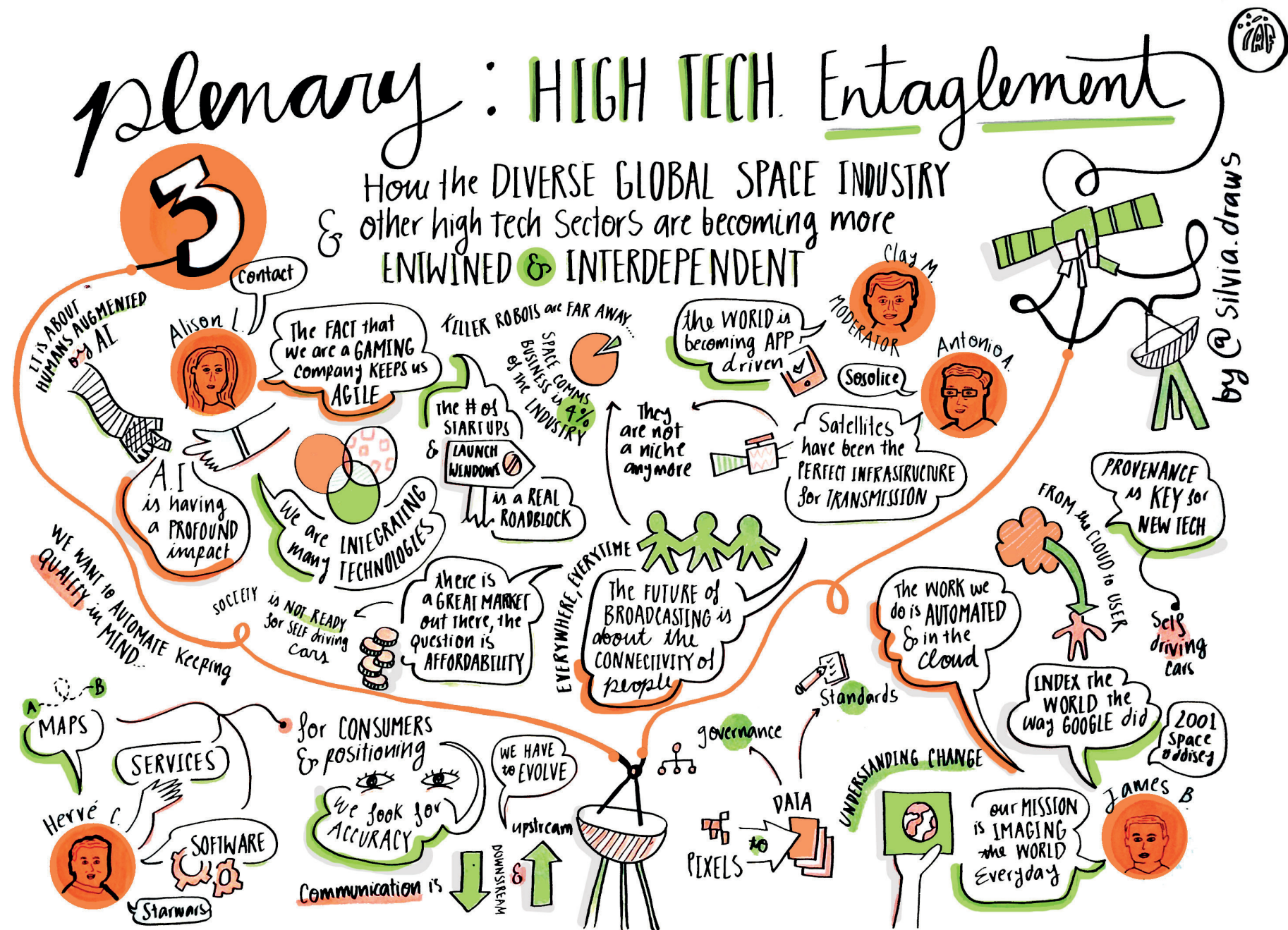
GNF OPENING DAY

Technical Programme





A photograph of three men in suits seated on a stage for a panel discussion. The man on the left is looking down at papers. The man in the center is looking towards the camera. The man on the right is looking towards the center. In the background, a woman in a red dress stands near a whiteboard with text that includes "HUGH REED Intergovernmental".



Industry Luncheon





Highlight Lecture I



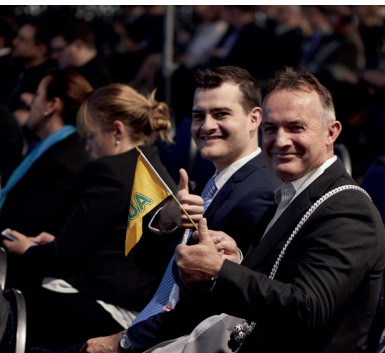
THE GROWING ROLE OF ARTIFICIAL INTELLIGENCE IN SPACE EXPLORATION



IAF Global Networking Forum



GNF INDUSTRY STREAM



GNF SOCIETY & EDUCATION STREAM



Technical Programme



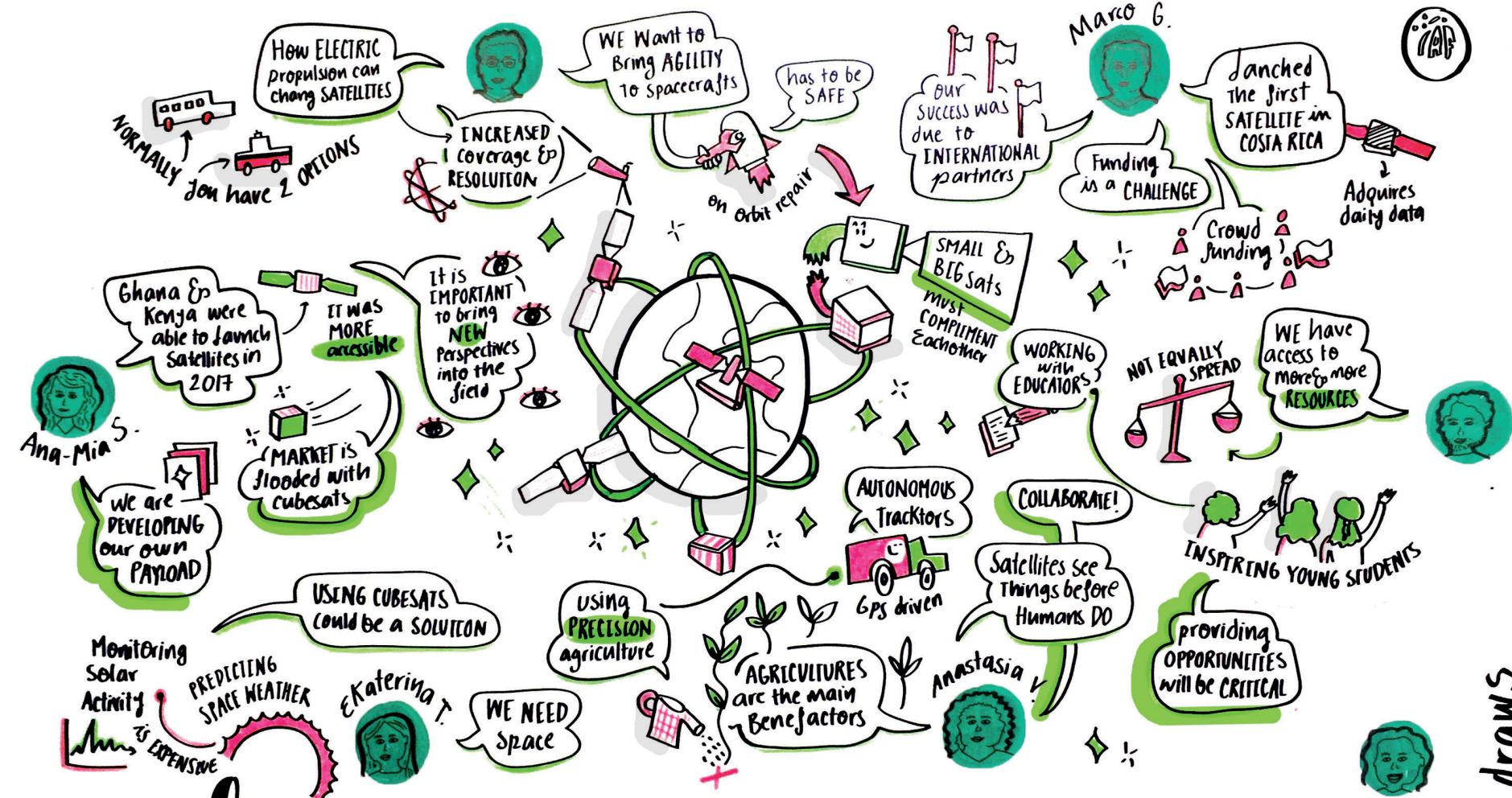


IAF IDEA "3G" Diversity Breakfast

AN INTERNATIONAL
ASTEROID ENDEAVOUR



WEDNESDAY



plenary 5 : NEXT GENERATION -
Small Sats - Involving everyone through Their APPLICATIONS

by @silvia.draws



INTERNATIONAL PLATFORM FOR DIVERSITY AND EQUALITY IN ASTRONAUTICS

3G GEOGRAPHY • GENERATION • GENDER



IAF IDEA “3G” Diversity Luncheon & Afternoon



Space is Big - Space is Public



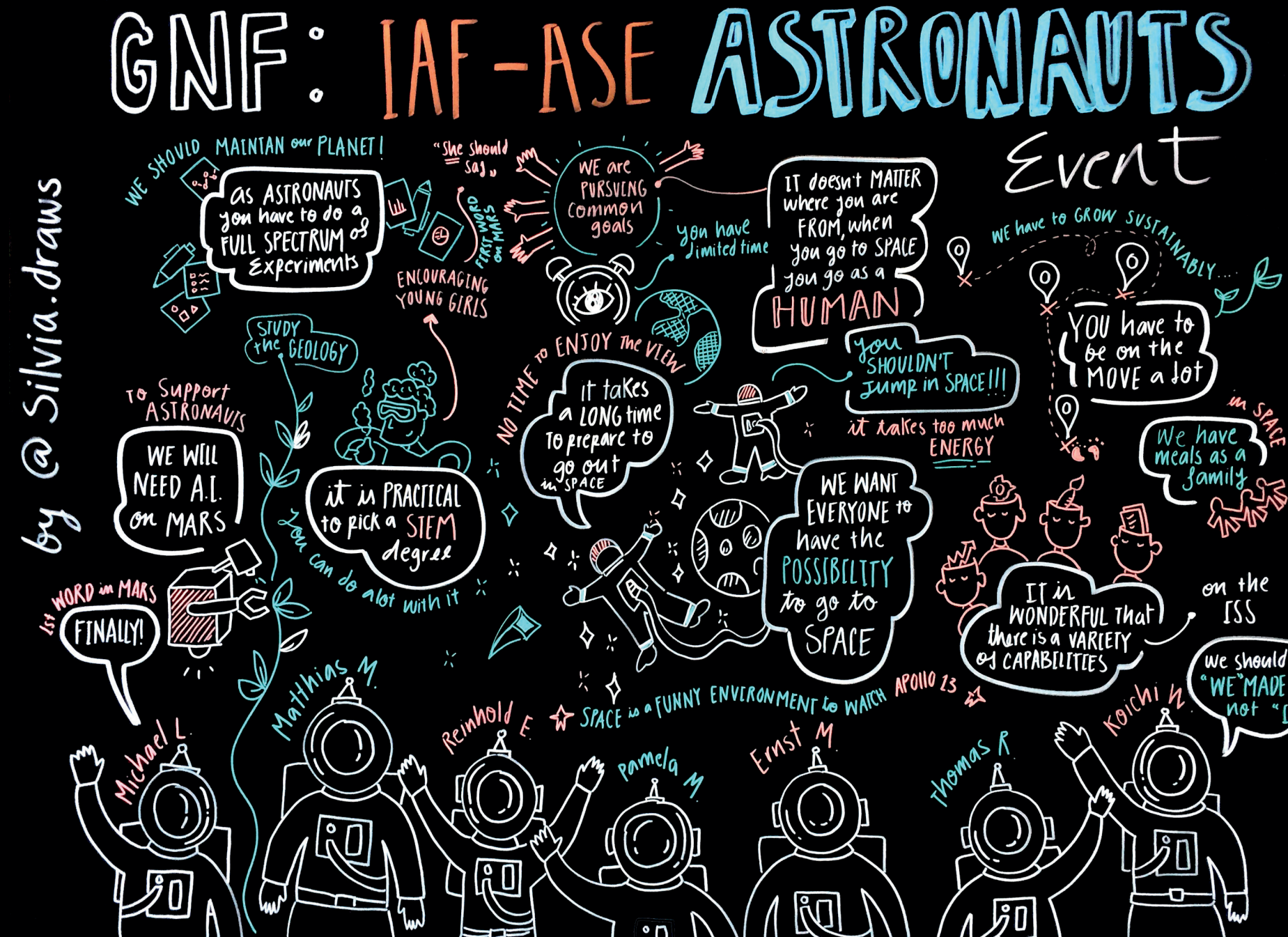
PUBLIC DAY



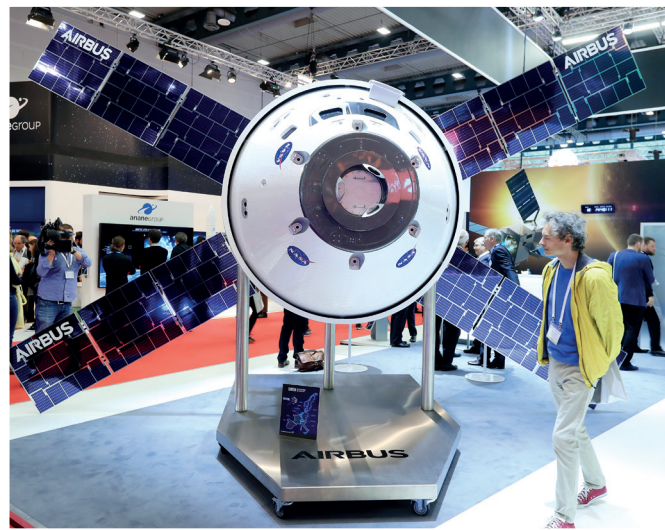
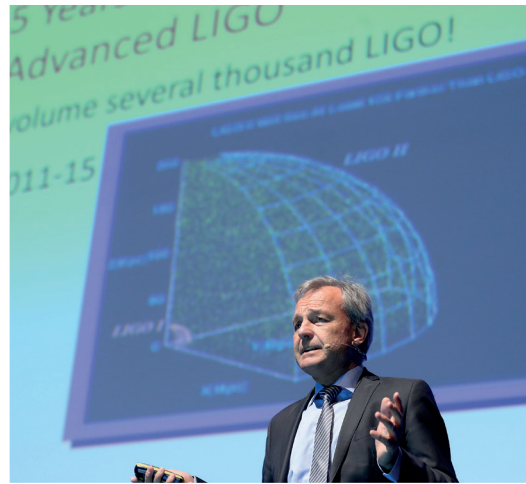




PUBLIC DAY



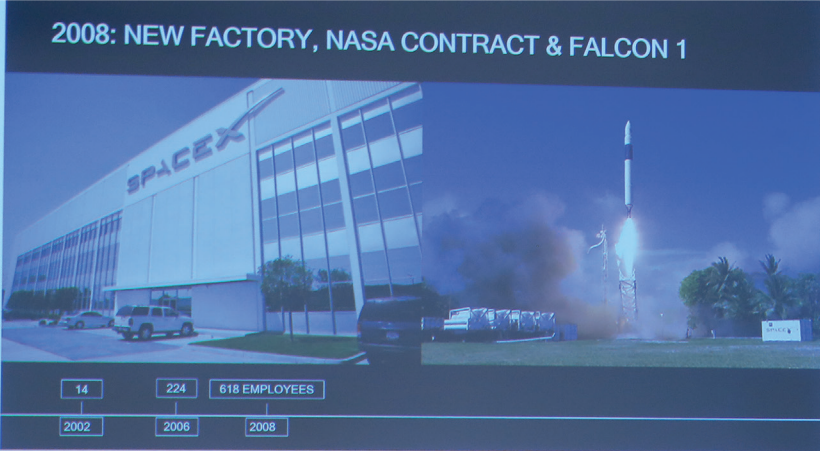
Highlight Lecture 2



GRAVITATIONAL WAVE DETECTION ON GROUND AND IN SPACE
- The new window to the universe



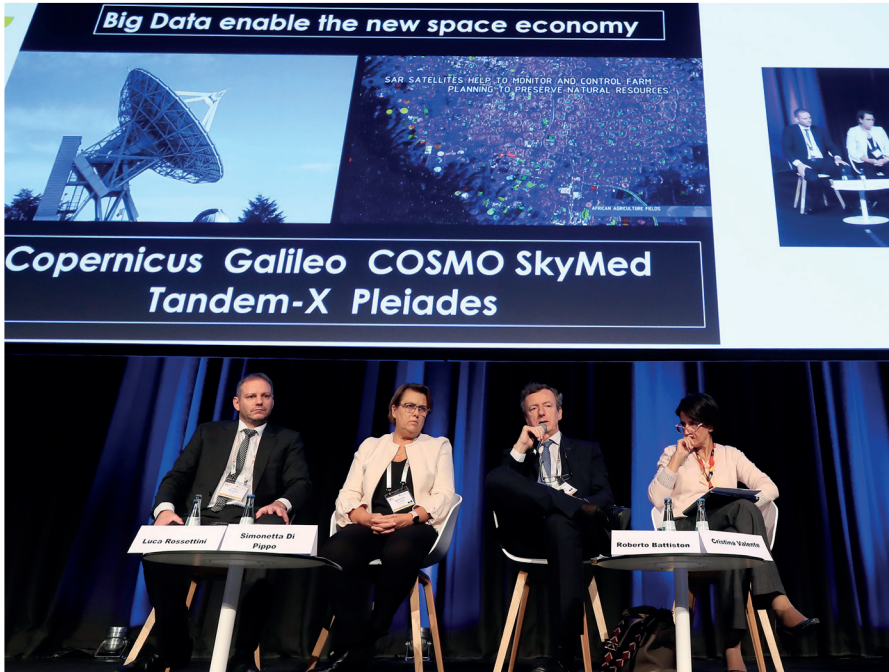
IAF Global Networking Forum



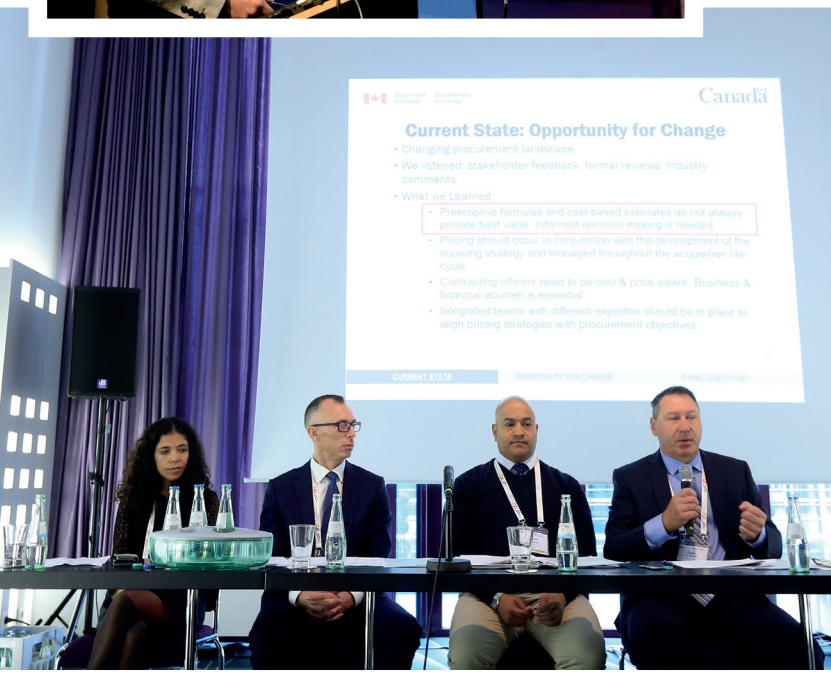
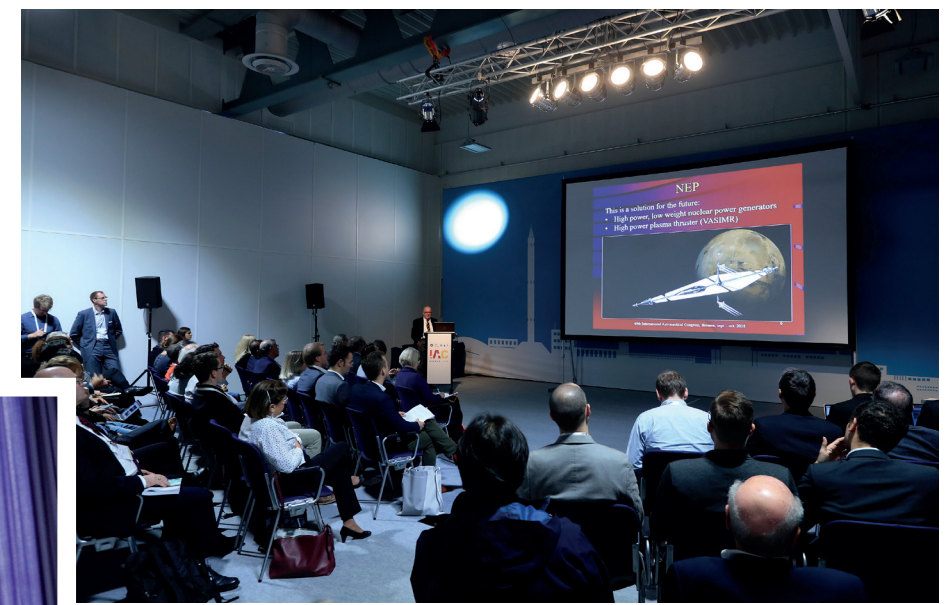
GNF PUBLIC STREAM



GNF DEVELOPMENT STREAM



Technical Programme





THURSDAY

plenary

7

GREENHOUSE GAS MEASUREMENTS

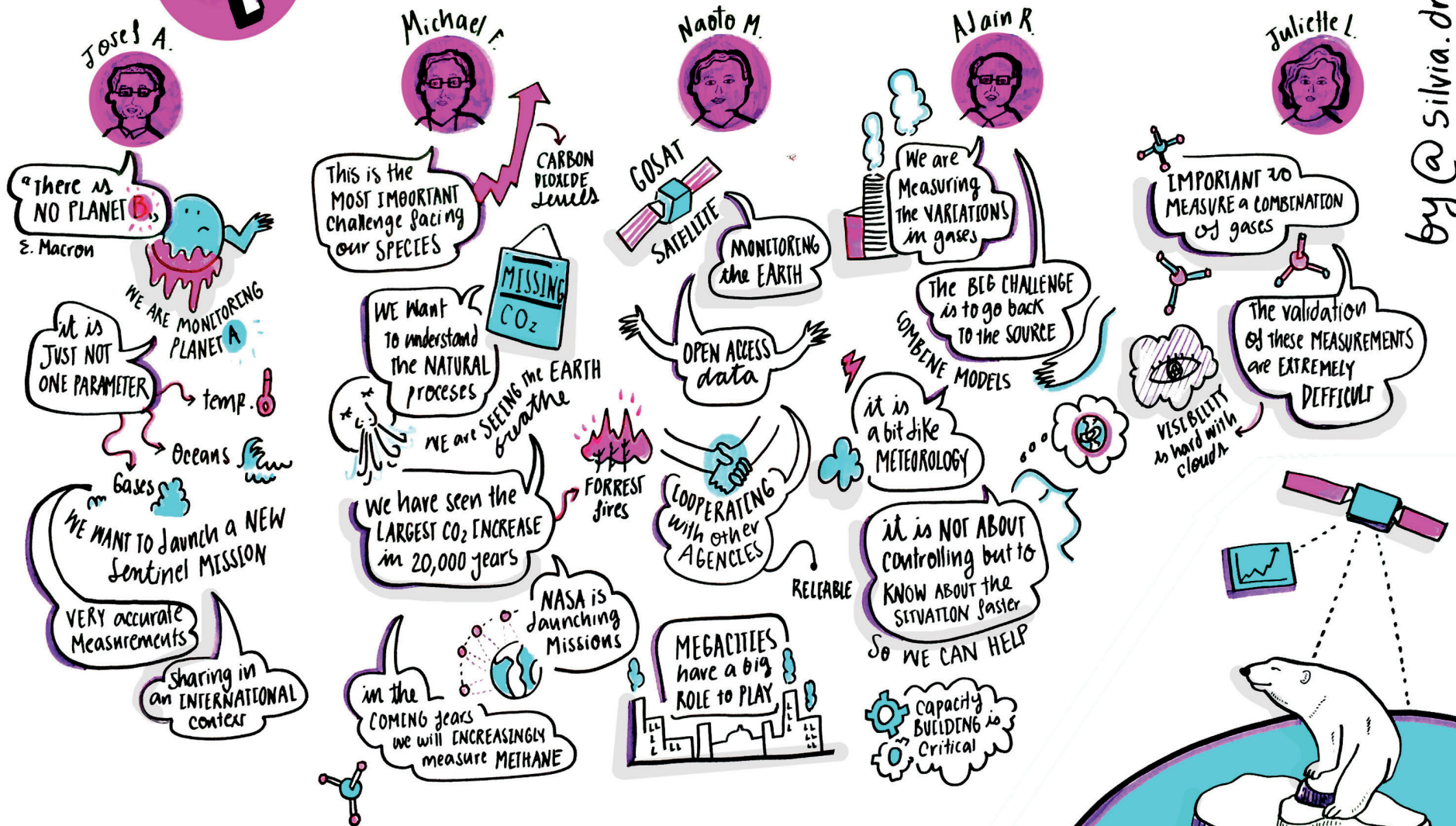
from SPACE - Difficult challenges, emerging Success & plans for the future



MODERATOR
Harry C.

Juliette L.

by @silvia.draws

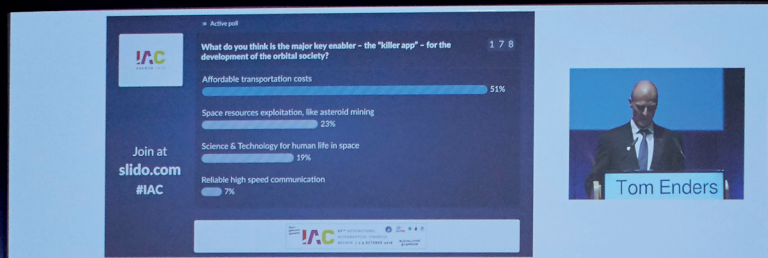


AEROSPACE Luncheon : **A TRAFFIC JAM** around The WORLD - Space is getting crowded, WHAT CAN WE DO about it?





HIGHLIGHT LECTURE 3



IAF Global Networking Forum

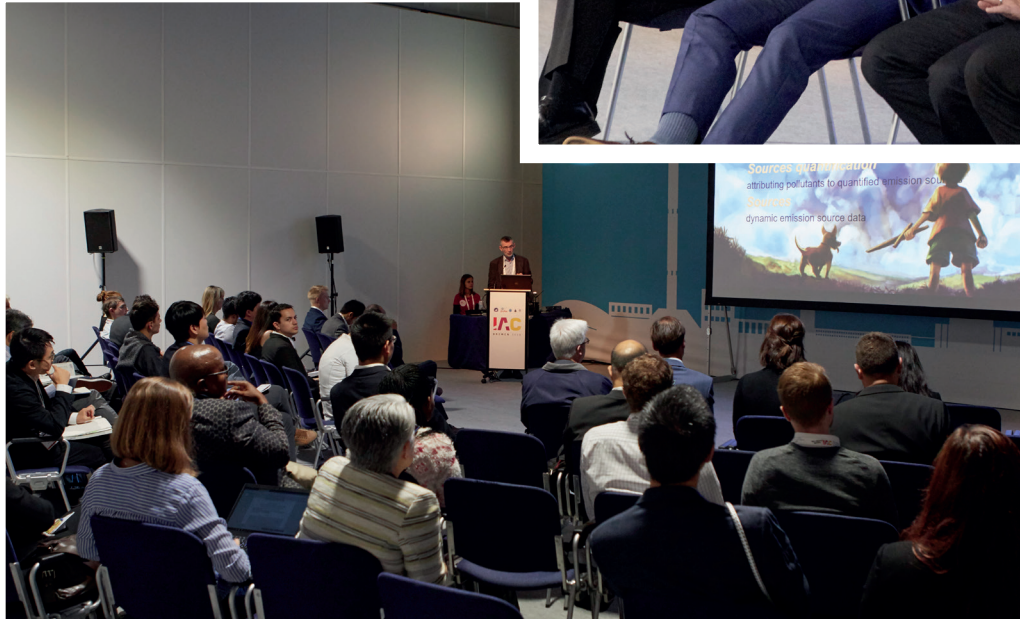


GNF FUTURE STREAM

GNF CHALLENGES STREAM



Technical Programme



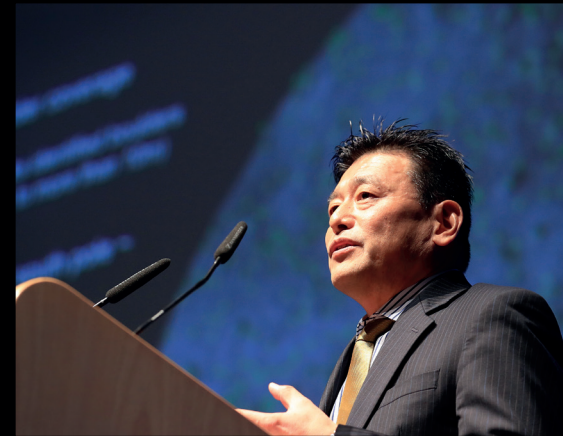
Technical Programme



INTERACTIVE PRESENTATIONS COMPETITION

Winners from left to right: Kristine Dannenberg - SWEDEN, Martin Ristov - CANADA, Yusuke Funakoshi - JAPAN, Ahmed Kiyoshi Sugihara El Maghraby - UNITED KINGDOM, Matteo Losacco - ITALY





FRIDAY

LATE BREAKING NEWS : HAYABUSA 2, MASCOT, MINERVA II



by Silvia.draws

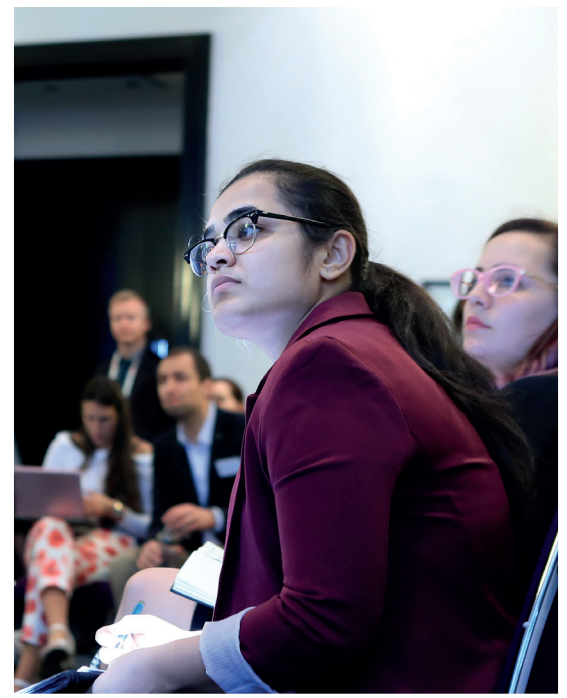
IAF Global Networking Forum



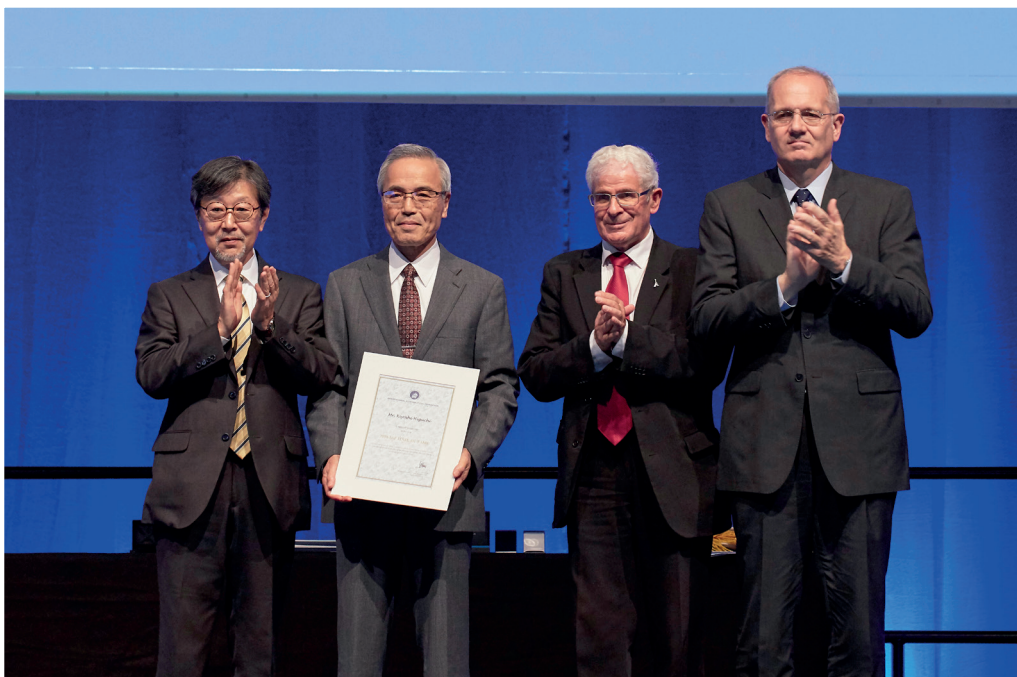
GNF EXPLORATION STREAM



Technical Programme



Closing Ceremony





IAF GENERAL ASSEMBLY



- IAC 2018 Kick-off Press Conference
- Heads of Agencies Press Conference
- GLEC 2019 Press Conference

PRESS CONFERENCES



- Call of Interest for the ATLANTIC International Satellite Launch Programme Press Conference
- LandSpace Technology Press Conference
- ESA Director General Press Conference
- The Moon Race Announcement





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