GLIC 2015
GLOBAL SPACE INNOVATION CONFERENCE

FINAL PROGRAMME

www.glic2015.org

23 - 25 June 2015
Munich Residence Palace, Germany

From Government Programs To Entrepreneurial Actions

Organised by:

IAF
Bavarian Ministry of Economic Affairs and Media, Energy and Technology
DLR
European Space Agency
OHB System AG is prime contractor for 22 Galileo FOC (full operational capability) satellites for the European Satellite Navigation System. Four satellites are already orbiting our planet and performing excellently. The next sets of two satellites each are scheduled for launch in September and later this year. A modular and flexible satellite design and seven production islands at OHB’s Bremen facilities allows a satellite production cadence of one satellite every six weeks, ensuring a step-by-step expansion of the constellation.

OHB is proud to contribute to Europe’s navigation system which will bring forth a multitude of useful applications for the benefit of people all over Europe and around the world.

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1 WELCOME MESSAGES

1.1 Welcome Messages from the International Astronautical Federation

On behalf of the International Astronautical Federation (IAF), it is my pleasure to welcome you to Munich and to the Global Space Innovation Conference (GLIC 2015).

After the series of previous IAF Global Conferences on Lunar Exploration, Space Exploration, and Space Applications, I am delighted that we have been able to develop GLIC with such eminent co-organisers. Today’s space market is highly competitive, as we have seen from recent innovative projects. It is therefore urgent that we address the issue of innovation in space: How best to stimulate and maintain innovation, and how to create an entrepreneurial environment that strengthens both our global economy and space capabilities.

This high-level, unique forum on space innovation will doubtless provide vital ideas and directions for space innovations of the future. The programme includes 6 Panels, a SpaceUp Unconference and a CTO Conversation to address all the toughest challenges addressing the industry.

The conference would not be possible without the leadership of the International Programme Committee, the commitment of the invited speakers, moderators, panelists, and presenters, and the support of the Bavarian State Ministry for Economic Affairs and Media, Energy and Technology (MWMET), the German Aerospace Center (DLR), the European Space Agency (ESA) and the IAF staff. I would like to thank everyone who worked to develop and manage this great event. I sincerely hope you enjoy your time at the conference, and thank you for your participation!

Mr. Kiyoshi Higuchi
President
International Astronautical Federation

In recent years, space players have faced common challenges, whether in launch vehicles with SpaceX’s innovations or in satellites with recently announced programs introducing hundreds of small satellites for the Internet market. While China’s space policy continues to develop with 20 new satellites launched per year and India is pursuing a low-cost strategy to fly a mission to Mars with 60 million dollars, Europe is responding with new programs such as Ariane 6 that aim to have a long-term structuring effect.

In this particularly dynamic context, the space industry is the backbone of space activities. Not only does it offer the technology to access space, to obtain space data and to exploit them, but it is also a constant source of creativity and innovation for space projects. Moreover, it is a key economic asset for countries involved in the peaceful use of outer space, generating direct and indirect jobs through its multiple daily applications.

The IAF offers the space industry a privileged channel of communication between industry members, space agencies, NGOs and other stakeholders. My experience as Chair of the Industry Relations Committee between 2006 and 2012 allowed me to work more closely with IAF industry members and gain insight into how they benefit from IAF activities, especially during IAC. As Vice-President responsible for Industry Relations since 2013, I am working to make IAF more appealing to the space industry. In particular, it is crucial that IAF organizes networking events for industry members during IAC and other major space events.

The Global Space Innovation Conference (GLIC), the latest in the IAF’s ‘Global Series’ conferences, will offer a high-level, specialized three-day event focusing on entrepreneurship and innovation in space, and provide governments, space agencies, industries and entrepreneurs a forum for exchanging their experience in innovation management and technology transfer. Top-level keynote speakers will share their thoughts, while the Results and Recommendations’ session at the end of the conference will focus and consolidate the key outcomes.

I wish you all an excellent and very fruitful conference!

Mr. Jean-Yves Le Gall
IAF Vice-President for Industry Relations
CNES President

Science and technology, innovation and business – these are inseparable elements in creating growth. Innovation has been shown to be a key source of economic growth in advanced and emerging economies. Especially space is perceived as a sector of cutting-edge technologies and a high-skilled workforce.

Innovation starts with scientific discoveries and technological inventions — but in order to really drive economic growth, a cool idea or an improvement of an existing product is not enough. It needs to be transformed into market-ready products to ultimately create new markets or new industries.

How can this be achieved? First, on all education levels both theory and hands-on experience need to be offered. Second, innovation depends on lateral thinking between different disciplines and this exchange must be fostered. Third, establishing an entrepreneurial culture is essential to encourage especially scientists and engineers to think and act as entrepreneurs. Last, but not least: innovation activities need money — from the right source at the right time. And this leads me to a key question: how far should policies for science, technology and innovation be driven by economic impact? The big scientific ideas that changed the world were, at least in the beginning, often far from being translated into commercial applications. On the other hand, we are being confronted with unbalanced economies and activities have to be realized in a financially constrained environment. All these aspects will be addressed during the GLIC.

I believe that global space innovation is a shared responsibility and stakeholders should be moving together in the same direction. Collaboration is essential for smart, successful and efficient innovation and barriers to intersectoral or intercultural collaboration need to be removed, well knowing that both cooperation and competition is needed. I am looking forward to lively discussions and wish the participants a fruitful meeting!

Ms. Andrea Boese
IAF Vice-President for Education, Workforce Development and Global Conferences
1.2 Welcome Message from the Bavarian Ministry of Economic Affairs and Media, Energy and Technology

For the first time IAF together with ESA, DLR and the Bavarian Ministry of Economic Affairs and Media, Energy and Technology is organizing a Global Conference on innovation and technology transfer with emphasis on aerospace technologies.

In our rapidly developing world innovation and its broad use is a determining factor for our future prosperity. Competitiveness in all areas will depend on innovation speed and its widest possible application. Aerospace research and industry is today the prime source of know-how and patents generation and therefore the best demonstration object for technology transfer for applications in our daily life.

The GLIC 2015 assembles eminent speakers from around the world to discuss with decision makers in politics, agencies, research organisations, industry and young entrepreneurs their experiences and methods how to even improve future activities in this determining area.

Mr. Jörg Feustel-Büechl
Advisor of the Bavarian Ministry of Economic Affairs and Media, Energy and Technology
GLIC 2015 IPC Co-Chair

1.3 Welcome Messages from the German Aerospace Center (DLR)

For decades, the space sector has delivered significant scientific, technological and economic benefits to the world. The industry now seems to sit at a threshold where it can offer yet more benefits to those on Earth. The increased interdependence of space with other industrial sectors is becoming ever more broad and intense, and will benefit all participants. New players, for instance internet companies, are becoming active in the sector. More countries are developing their own space programmes. These developments could lead to entirely new markets with global impacts. Innovations, both in terms of products and services, will be critical. Both established companies and, in particular, startup companies will be vital in transmitting these innovations to the market.

The Global Space Innovation Conference of the International Astronautical Federation (IAF) is an important forum to discuss entrepreneurship and innovation in the space sector. This forum includes international experts from both industry and the public sector.

Developing startups require a broad range of advice and support during their early years. They also require sufficient start-up capital. The road from invention to corporate financing is often a long one. As such, this conference offers a platform for exchange between young and established companies; between companies and potential financial partners; between companies and space agencies; and lastly between members of the space community and representatives from sectors outside the traditional space industry.

As the Executive of the DLR Space Administration, I in particular hope for suggestions as to the role that state agencies can play in this new era. We hope to be important companions in this change process. Mostly I am looking forward to interesting and fruitful discussions, both on the podium and during the breaks. My thanks go out to the IAF, the speakers for their invaluable contributions and to all those who have made this conference possible.

Dr. Gerd Gruppe
Member of the DLR Executive Board
GLIC 2015 IPC Co-Chair

Dear GLIC 2015 participants:

For me the year 2014 has been an extremely exciting and thrilling year. The Rosetta satellite did rendezvous with the comet 67P/Churyumov-Gerasimenko. The approach distance was within a few kilometers, the accompanying comet lander Philae was successfully deployed and the landing manoeuvre was almost perfect. All of that happened precisely as it was planned more than a decade ago, millions of kilometers away from Earth, remotely. The first measurements and pictures were amazing.

Another wonderful example is the Blue Dot Mission with the German astronaut Alexander Gerst who spent 6 months on the ISS. This activity has been intensively covered by the media in Germany and, therefore, has created an enormous public interest and awareness for space and sciences.

These highly complex missions e.g. in low earth orbit or in deep space require creativity, technological development and inventions resp. innovations. Without those qualities we wouldn’t have accomplished the above mentioned missions and tasks. For that specific reason we have to make sure that we provide an excellent framework and fundament for innovation and entrepreneurship. Because in the end entrepreneurship means competition among the best ideas and concepts and, in turn, makes the space business for society cheaper and more affordable.

The Global Space Innovation Conference can be considered as one of the most important conferences in order to promote entrepreneurship and innovation in the space sector. Here, international experts from the private and public sector as well the space agencies are getting a platform to exchange thoughts, address problems and propose solutions and, finally, define ideas and strategies to give “space” an extra push.

It is my sincere hope that the results of the GLIC 2015 conference will stimulate entrepreneurship. The goal should be to make proposals for policies and legislation on a global, regional and national level.

Prof. Hansjörg Dittus
Member Executive Board for Space Research and Space Technology DLR
GLIC 2015 IPC Co-Chair
1.4 Welcome message from the European Space Agency (ESA)

Welcome to the Global Space Innovation Conference!

I am honored and delighted to welcome you to discovering how to go from government programmes to entrepreneurial actions!

ESA decided to co-organize this event in line with one of its missions to inspire and facilitate the use of space technology, systems and know-how for non-space applications.

ESAs strengthens European industry by identifying new business opportunities for providers of space technology and systems. It enhances the know-how and competitiveness of these providers while broadening their business horizons.

The aim of this conference is then to successfully transfer space technologies to non-space sectors for applications as diverse as possible. GLIC 2015 will give a great contribution in helping to create viable business and new jobs by analyzing the real needs of companies especially start-up ones. The discussion will also focus on how successful entrepreneurs were able to start a successful enterprise hence identifying truly meaningful ways of support for entrepreneurs in the space industry. Another important topic that will be deeply asked is whether the space sector is different and what are the challenges that start-ups working in space technologies face?

I believe we have chosen a venue that guarantees a successful conference amid the culture and scenery of Munich. Our programme is rich and varied with 6 keynote speeches and more than 50 panelists, and numerous opportunities for informal networking.

At the end of these three intensive days we will all know more about how a successful business can be created based on space technologies and how we can encourage these new businesses in becoming a reality.

Enjoy your time!

Dr. Karlheinz Kreuzberg
Head of Director General’s Cabinet,
ESA
GLIC 2015 IPC Co-Chair

2 ORGANISER INFORMATION

2.1 The International Astronautical Federation (IAF)

Founded in 1951, the International Astronautical Federation is the world’s leading space advocacy body with more than 280 members on six continents, including all leading agencies, space companies, societies, associations and institutes worldwide.

Following its theme “A space-faring world cooperating for the benefit of humanity”, the Federation advances knowledge about space and fosters the development and application of space assets by advancing global cooperation.

As the organiser of the annual International Astronautical Congress (IAC), and other meetings on specific space-related topics, the IAF actively encourages the development of astronautics for peaceful purposes and supports the dissemination of scientific and technical information related to space.

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IAF Member Organisations 2015

| ABC Capital | Bahrain | American Astronautical Society (AAS) | United States |
| Access eX | Germany | American Institute of Aeronautics and Astronautics (AIAA) | United States |
| Advanced Instrumentation and Technology Centre (AITC) | Australia | Andoya Space Center | Norway |
| Aerojet Rocketdyne | United States | Arianespace | France |
| Aerospace Research Institute | Iran | Asher Space Research Institute (ASRI) | Israel |
| Agence Spatiale Algérienne (ASAL) | Algeria | Association Aéronautique de France (AFA) | France |
| Agencia Espacial Mexicana (AEM) | Mexico | Association of Arab Remote Sensing Centers (AARSC) | Libya |
| Agupaciun Astronautica Espanola | Spain | Association Dedicated to Development in Astronautics (A.D.D.A) | Romania |
| Airbus Defence and Space Ltd | United Kingdom | Association of Space Explorers (ASE) | United States |
| Airbus Defence and Space Netherlands B.V. | The Netherlands | Associazione Italiana di Aeronautica e Astronautica (AIAA) | Italy |
| Airbus Defence and Space SA | Spain | Aerial Navigation and Space Development (ANAS) | United States |
| Airbus Defence and Space SAS | France | Arianespace | France |
| Airbus DS GmbH | Germany | American Astronautical Society (AAS) | United States |

Enjoy your time!
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<td>Center for Planetary Science and Exploration, Western University</td>
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<td>Centro de Investigacion y Difusion Aeronautico Espacial (CIDA-E)</td>
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<td>CEG S.p.A.Compania Generale per lo Spazio</td>
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<td>Pakistan</td>
<td>Instituto de Aeronautica e Espaco (IAE)</td>
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<td>Mexico</td>
<td>Instituto de Geofisica, Universidad Nacional Autonomina de Mexico</td>
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<td>Intelligent Materials and Systems Lab, University of Tartu</td>
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<td>International Association for the Advancement of Space Safety</td>
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<td>Germany</td>
<td>Internationaler Förderkreis für Raumfahrt – Hermann Oberth – Wernher von Braun e.V.</td>
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3.2 International Programme Committee Members

Mr Shoichiro Asada,
Mitsubishi Heavy Industries Ltd (Japan)

Ms Roya Ayazi,
Nereus AISBL (Belgium)

Mr Alexey Belyakov,
Skolkovo Innovation Center (Russia)

Mr Amnon Ginati,
ESA (The Netherlands)

Mr Michael Davis,
Space Industry Association of Australia (SIAA) (Australia)

Mr Pablo de Leon,
Federacion Argentina Astronautica (FAA) (Argentina)

Mr Max Grimard,
Airbus Defence & Space (France)

Prof. Scott Hubbard,
Stanford University (USA)

Dr Ray O. Johnson,
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Ms Claudia Kessler,
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Mr Igor Komarov,
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Ms Kathy Laurini,
NASA (USA)

Mr. Alexander Mager,
Ludwig Bölkow Campus GmbH (Germany)

Mr Gary L. Martin,
NASA Ames Research Centre (USA)

Dr Peter Martinez,
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International Institute of Space Law (IISL) (The Netherlands)

Dr Francisco Javier Mendieta Jimenez,
Mexican Space Agency (AEM) (Mexico)

Mr. Nikolay Mikhaylov,
Skolkovo Innovation Center (Russia)

Mr Clayton Mowry,
Arianespace (USA)

Dr Dmitry Payson,
United Rocket and Space Corporation (Russia)

Mr Thorsten Rudolf,
AZO (Germany)

Mr Mark Sirangelo,
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Mr Hans J. Steininger,
MT Aerospace Augsburg (Germany)

Mr Michael von Harpe,
former ESA and World Bank (Germany)

Dr Pete Worden,
NASA Ames Research Centre (USA)

Mr. Jie Yuan,
CASC (China)

3.3 Organising Committee Members

Ms. Andrea Boese
DLR (Germany) & IAF

Dr. Karlheinz Kreuzberg
ESA (Germany)

Mr. Peter Seige
MWMET (Germany)

Dr. Christian Feichtinger
IAF (Austria)
4 PRACTICAL INFORMATION

4.1 Floor Plans – Residence Ground Floor

Residence First Floor

[Diagram of the Residence First Floor]
4.2 Locations and Opening Hours

**Registration**
Tuesday 23 June – 08:00 – 18:00  
Wednesday 24 June – 08:00 – 18:00  
Thursday 25 June 08:00 – 13:00

**IAF Secretariat**
Tuesday 23 June – 08:00 – 18:00  
Wednesday 24 June – 08:00 – 18:00  
Thursday 25 June 08:00 – 16:00

Both the Registration Desk and the Secretariat are located in the Max Joseph Saal Foyer, Munich Residence, Residenzstraße 1.

Please make sure you use the entrance from Residenzstraße 1. Signs will lead you to the venue.

CTO Conversation will take place at the Bavarian Ministry of Economic Affairs and Media, Energy and Technology. Prinzregentenstrasse 28, 80538 Munich

4.3 Metro / public transport

**How to get there by public transport**

Information on the railway you can find on external link www.bahn.com.

For information on intercity bus lines and further means of travel please have a look on the Internet.

The Munich Residenz is located in the centre of the city and can easily be reached by public transport.

The following stops are close by:  
S-Bahn (suburban railway) "Marienplatz”  
U-Bahn (underground) "Marienplatz” or "Odeonsplatz”  
Bus "Odeonsplatz”  
Tram "Nationaltheater”

**How to get there by car**

The Residenz has no own parking places for visitors. There are chargeable parking places in the underground car park of the Nationaltheater (Max-Joseph-Platz).

Route planners you can find on external link http://auto.abacho.de/routenplaner/

4.4 Wi-Fi

GLIC 2015 is happy to provide you free Wi-Fi access in the Max Joseph Saal and Einsäulensaal

**User ID:** GLIC2015  
**Password:** glic2015

4.5 Certificate of Attendance

Certificates of Attendance are available on request from the on-site registration desk. Claims of hours of applicability toward professional education requirements are the responsibility of the participant.
5 CONFERENEE PROGRAMME

5.1 Conference at a Glance

5.2 Day-by-day (Plenaries & Side Events)

Tuesday, 23 June

09:00 – 15:00 Space Up for Young Professionals & Students

Einsäulensaal, Residence Palace

The SpaceUp GLIC Munich is the 42nd edition of the worldwide known space ‘unconference’, where participants decide the topics, schedule, and structure of the event. Official website: www.spaceup.de

Sponsored by:

10:00 – 12:00 CTO CONVERSATION

Ministry of Economic Affairs and Media, Energy and Technology

Ludwig Erhard Saal, Prinzregentenstrasse 28, 80538 Munich

Speakers:

Chairman:
Dr. Robie I. Samanta Roy
Vice President Technology and Innovation, Lockheed Martin Corporation

Mr. Alexander Mager
Managing Director, Ludwig Bölkow Campus GmbH

Dr. Yasunori Mochizuki
Vice President, NEC Central Research Laboratories

Dr. Dan Snustad
Technical Director, 3M Corporation

Mr. Scott Fouse
VP and Director, Space Systems Advanced Technology Center, Lockheed Martin Corporation

Dr. Piero Messidoro
Chief Technology Officer, Thales Alenia Space

Prof. Dr. Andreas Rittweger
Director, DLR Institute for Space Systems
Global Space Innovation Conference
Munich Residence Palace, Germany
23 - 25 June 2015

08:00 – 18:00 REGISTRATION
Max Joseph Saal Foyer, Residence Palace

12:00 – 14:00 COFFEE SERVICE
Theatinergang, Residence Palace

12:00 – 15:00 RESIDENCE TOURS
Residence Palace
Detailed information see 6.1 Social Events under residence tours on Tuesday, 23 June.

13:00 – 15:00 WELCOME COCKTAIL
Kabinettsgarden, Residence Palace

15:00 – 16:00 OPENING CEREMONY
Allerheiligen-Hofkirche, Residence Palace
Speakers:

Ms. Ilse Aigner
Bavarian State Minister of Economic Affairs and Media, Energy and Technology

Prof. Jean-Jacques Dordain
Director General, European Space Agency (ESA)

Mr. Jean-Yves Le Gall
President, Centre National d’Etudes Spatiales (CNES)
Vice President, International Astronautical Federation (IAF)

Dr. Robie I. Samanta Roy
Vice President Technology and Innovation, Lockheed Martin Corporation (LMC)

Dr. Daniel Calleja Crespo (Invited)
Director General, European Commission’s Directorate-General for Enterprise and Industry

Mr. Kiyoshi Higuchi
President, International Astronautical Federation (IAF)

Mr. Robie I. Samanta Roy
Vice President Technology and Innovation, Lockheed Martin Corporation (LMC)

Pro. Jan Woerner
Chairman of the Board, German Aerospace Center (DLR)

Dr. Fritz Merkle
Executive Member of the Board OHB SE

16:00 – 17:00 HIGH-LEVEL KEYNOTE SPEECHES
Allerheiligen-Hofkirche, Residence Palace
Speakers:

Keynote Speaker:
HH Prince Dr. Turki bin Saud bin Mohammad Al Saud
President, King Abdulaziz City for Science and Technology (KACST)

Keynote Speaker:
Ms. Candace Johnson
Founder/Co-Founder SES, Loral-Teleport Europe, Europe Online, VATM, GTWN, Success Europe

17:30 – 18:00 EXHIBITION OPENING
Max Joseph Saal Foyer, Residence Palace

18:00 – 20:00 WELCOME RECEPTION
Kaisersaal, Residence Palace

Wednesday, 24 June

08:00 – 18:00 REGISTRATION
Max Joseph Saal Foyer, Residence Palace

08:00 – 09:00 NETWORKING COFFEE
Theatinergang, Residence Palace

09:00 – 10:45 PANEL 1. THE VIEW FROM ENTREPRENEURS
Max Joseph Saal, Residence Palace
Speakers:

Moderator:
Mr. Frank Salzgeber
Head of Technology Transfer Programme Office Directorate of Technical and Quality Management, European Space Agency (ESA)

Mr. Max Beaumont
Founder, Giaura
10:45 – 11:15 NETWORKING COFFEE
Theatinergang, Residence Palace

11:15 – 13:00 PANEL 2. SOCIOECONOMIC ENVIRONMENT FOR ENTREPRENEURS
Max Joseph Saal, Residence Palace

Speakers:

Moderator:
Mr. Ken Davidian
AST Director of Research and Program Manager, FAA's Office of Commercial Space Transportation

Dr. Gale Allen
Deputy Chief Scientist, National Aeronautics and Space Administration (NASA)

Dr. Alex MacDonald
Head - Emerging Space Office, National Aeronautics and Space Administration (NASA)

Keynote Speaker:
Dr. Devi R. Gnyawal
Director of Graduate Programs at the Department of Management, Pamplin College of Business, Virginia Tech

Mrs. Claire Jolly
Head, OECD Space Forum

Dr. Dmitry Payson
Director of Research and Analysis Center, United Rocket and Space Corp. (URSC)

13:00 – 14:00 LUNCH
Theathergang, Residence Palace

14:00 – 15:45 PANEL 3. ENTREPRENEURIAL EDUCATION AND TRAINING
Max Joseph Saal, Residence Palace

Speakers:

Keynote Speaker and Moderator:
Dr. Michael K. Simpson
Executive Director of the Secure World Foundation

Dr. Devi R. Gnyawal
Director of Graduate Programs at the Department of Management, Pamplin College of Business, Virginia Tech

Prof. Alessandro Golkar
Associate Director, SkolTech, Russia

Prof. Walter Peeters
President of the International Space University (ISU)

15:45 – 16:15 NETWORKING COFFEE
Theatinergang, Residence Palace

16:15 – 18:00 PANEL 4. NON-FINANCIAL ASSISTANCE FOR VENTURE CREATION
Max Joseph Saal, Residence Palace

Speakers:

Moderator:
Mr. Niels Eldering
ESA Technology Transfer Officer, European Space Agency (ESA)

Keynote Speaker:
Mr. John Freisinger
CEO and President Technology Ventures Cooperation
19:00 – 21:00 BAVARIAN GALA DINNER
Paulaner am Nockherberg
For more information see 6.3 Social Events.

Thursday, 25 June
08:00 – 13:00 REGISTRATION
Max Joseph Saal Foyer, Residence Palace

08:00 – 09:00 NETWORKING COFFEE
Theatinergang, Residence Palace

09:00 – 10:45 PANEL 5. FINANCIAL SUPPORT FOR VENTURE CREATION
Max Joseph Saal, Residence Palace
Speakers:
-Moderator & Keynote Speaker: Prof. Chris Zott
Professor of Entrepreneurship (IESE Business School)

Mr. Alexey Belyakov
Vice President, Head of Space & Telecom Cluster, Skolkovo Foundation

Mr. Gian Gherardo Calini
Head, Market Development GSA

Mr. Amnon Ginati
Head of the Integrated & Telecommunications related Applications, European Space Agency (ESA)

Mr. Takayuki Kawai
Counsellor of the New Enterprise Promotion Department, Japan Aerospace Exploration Agency (JAXA)

Mr. Thorsten Rudolph
Managing Director, Anwendungszentrum GmbH Oberpfaffenhofen

09:45 – 10:15 NETWORKING COFFEE
Theatinergang, Residence Palace

10:45 – 11:15 NETWORKING COFFEE
Theatinergang, Residence Palace

11:15 – 13:00 PANEL 6. POLICIES AND LAWS FOR ENTREPRENEURSHIP
Max Joseph Saal, Residence Palace
Speakers:
Moderator: Prof. Dr. Kai-Uwe Schrogl
Head of the ESA Policies Department European Space Agency (ESA)

Mr. Pierre L. Godart
Chief Financial Officer, Airbus Safran Launchers

Ms. Uli W. Fricke
Managing General Partner Triangle Venture Capital Group

Dr. Naoto Matsuura
Director of New Enterprise Promotion Department, Japan Aerospace Exploration Agency (JAXA)

Ms. Rachel Villain
Principal Advisor, EUROCONSULT

Dr. Ingo Baumann
Lawyer, BHO
Global Space Innovation Conference
Munich Residence Palace, Germany
23 - 25 June 2015

13:00 – 14:00  LUNCH
Theatinergang, Residence Palace

14:00 – 15:45  RESULTS AND RECOMMENDATIONS SESSION
Max Joseph Saal, Residence Palace

Moderator:
Mr. Jörg Feustel-Büechl
Advisor, MWMET

Mr. Ken Davidian
(Panel 2 and Panel 3)
AST Director of Research and Program Manager, FAA’s Office of Commercial Space Transportation

Dr. Gerd Gruppe
(Panel 5)
Member of the DLR Executive Board, DLR

Ms. Andrea Jaime Albalat
(SpaceUp)
SGAC member, IAF WD/YPP Committee member

15:45 - 16:00  CLOSING REMARKS
Max Joseph Saal, Residence Palace

Mr. Frank Salzgeber
(Panel 1 and Panel 4)
Head of Technology Transfer Programme Office Directorate of Technical and Quality Management, European Space Agency (ESA)

Prof. Dr. Kai-Uwe Schrogl
(Panel 6)
Head of the ESA Policies Department European Space Agency (ESA)

Mr. Ken Davidian
(Panel 2 and Panel 3)
AST Director of Research and Program Manager, FAA’s Office of Commercial Space Transportation

Dr. Gerd Gruppe
(Panel 5)
Member of the DLR Executive Board, DLR

Ms. Andrea Jaime Albalat
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SGAC member, IAF WD/YPP Committee member

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Mr. Frank Salzgeber
(Panel 1 and Panel 4)
Head of Technology Transfer Programme Office Directorate of Technical and Quality Management, European Space Agency (ESA)

Prof. Dr. Kai-Uwe Schrogl
(Panel 6)
Head of the ESA Policies Department European Space Agency (ESA)

Mr. Kiyoshi Higuchi
President, International Astronautical Federation (IAF)
6 SOCIAL EVENTS

Tuesday, 23 June

6.1 Residence Tours
12:00 – 15:00
Book your free-of-charge guided tour of the Residence while registering online or on site. There are tours every 30 minutes from 12:00 to 14:00. The length of each English-language tour is 45 minutes. The last tour starts at 14:00. The meeting point for the groups and the guides is the Residence Museum Ticket Office.

6.2 Welcome Reception
18:00 – 20:00
Kaisersaal
A Welcome Reception is kindly hosted by the Bavarian State Ministry for Economic Affairs and Media, Energy and Technology. An excellent networking opportunity in the historic surroundings of the Bavarian Residence.

Wednesday, 24 June

6.3 Bavarian Gala Dinner
19:00 – 21:00
Paulaner am Nockherberg. Hochstraße 77, 81541 Munich.
Get your tickets to participate to a typical Bavarian Dinner!
Tickets for the Gala Dinner (45€) are available on the online registration platform and at the Registration Desk.
Endless Challenges made by KARI, will lead Korea to realize its value and aspiration towards the sky and space.

www.kari.re.kr
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