

It's only few days to IAC2019 and here is the full Young Professionals Programme Schedule. For now, you should know that Sunday evening we will have our traditional welcome reception, and we will also have new and exciting networking events on Tuesday and Wednesday evenings. Keep the dates!

Full YP Program @ IAC 2019

**YOUNG
PROFESSIONALS @
PROGRAM**



IAC 2019 Venue: Walter E Washington Convention Center, Washington D.C.

SUNDAY, 20 OCTOBER, 2019

08.00 – 13.30: Cross Cultural Workshop# – Room 149A, 149B

This communication and presentation workshop is organized for ESL winners' and NGPL Speakers to provide them with the opportunity to improve their oral skill and sensitize them on issues of speaking at large events.

09.00 – 18.00: IAF IPMC Workshop# – Room 150B

The International Project/Programme Management Committee (IPMC) selects qualified applicants for its workshop on Sunday before IAC. This workshop involves deep discussions on number of issues related to project management in Space Industry.

19.00 – 21.00: Networking Event “YP panel on IAF Opportunities” – Room 207AB

On Sunday evening we will feature current and former IAF Young Space Leaders and their experiences participating in and leading IAF activities. Come learn how to get more involved and all the benefits that come from being an active IAF participant!

Panel Members



Mino Rathnasabapathy
Research Engineer, MIT Media
Lab and VP Education and
Workforce Development, IAF



Liz Seward
Senior Strategist, Space Systems,
Airbus Defense and Space



Avid Roman-Gonzalez
Professor, Universidad
Nacional Tecnologica de
Lima Sur

Moderator



Kevin Stube
VC WD-YPP Committee, IAF

TUESDAY, 22 OCTOBER, 2019

09.45 EST : GTS – Space Communications and Navigation – Room 147B (Broadcast Live Online)

Cannot make it to Washington D.C. for IAC 2019? You can still take part in the IAC 2019 Global Technical Symposium (GTS) remotely! These sessions showcase some of the recent advances in several technical topics discussed at IAC, with speakers sharing their work both from the IAC site itself and remotely. This year, the GTS will include 5 sessions. This one is on “Space Communications and Navigation”.

19.30 – 21.30: Networking Event “Industry Panel: The Moon” – Room 207AB

Tuesday is Industry Day at IAC and our Tuesday evening event will feature industry leaders from across the globe who are on the cutting edge of taking humanity back to the Moon. Dan Dumbacher, executive director of AIAA, the lead organizer of the 2019 IAC, will guide the conversation, including your chance to ask questions of these industry leaders.

Panel Members



Takeshi Hakamada
Founder and CEO
inspace



Yoav Landsman
Deputy Mission Director,
SpaceIL



Maria Antonietta Perino
Director, INOD
Thales Alenia Space



Ander Solorzano
Lead System Engineer
Astrobotic

Moderator



Dan Dumbacher
Executive Director, AIAA

WEDNESDAY, 23 OCTOBER, 2019

09.45 EST : GTS – Student Team Competition – Room 147B (Broadcast Live Online)

Cannot make it to Washington D.C. for IAC 2019? You can still take part in the IAC 2019 Global Technical Symposium (GTS) remotely! These sessions showcase some of the recent advances in several technical topics discussed at IAC, with speakers sharing their work both from the IAC site itself and remotely. This second session is a “Student Team Competition”.

11.45 – 12.30: GNF – NASA YP Town Hall – Grand Ballroom C

In addition to these evening events, this year WD/YPP is also hosting a NASA YP Town Hall GNF session. This GNF will feature NASA leadership’s message for YPs and time for the YPs in attendance to interact with and ask questions of our host agency.



Jim Bridenstine
Administrator, NASA

Speaker



Jackelynnne Silva-Martinez
Aerospace Engineer, Mission Planning
Operations, JSC, NASA

Moderator

20.00 – 22.00: IAF-SGAC-ISU Joint Networking Reception – Room 207AB

On Wednesday, WD/YPP is teaming up with SGAC and ISU for the chance to get to know or reconnect with your colleagues from across these organizations. The event will feature a “Shark Tank” competition, where each organization will compete to pitch the next great human achievement in space to a panel of judges. Come mingle and cheer on the best pitch!

THURSDAY, 24 OCTOBER, 2019

09.45 EST : GTS – Small Satellite Missions – Room 147B (Broadcast Live Online)

Cannot make it to Washington D.C. for IAC 2019? You can still take part in the IAC 2019 Global Technical Symposium (GTS) remotely! These sessions showcase some of the recent advances in several technical topics discussed at IAC, with speakers sharing their work both from the IAC site itself and remotely. This third session is on “Small Satellite Missions”.

08.30 – 09.30: 10th Anniversary NGP: “Harnessing Citizen Science for the Future of Earth Observation – Grand Ballroom B

In this event the next generation plenary panelists will share their ideas and work in innovatively incorporating crowdsourcing and citizen science into traditional workflows for the future of Earth Observation. The panelists will also address how they envision challenges associated with new technology trends, data quality and the formulation of policies that will facilitate their work.

Panel Members



Avid Roman-Gonzalez
Senior Member
IEEE, Peru



Caroline Juang
PhD Student
Columbia University,
U.S.



Fabiana Milza
COO and Co-Founder
IceKing GmbH,
Austria



Jorge Nicolas-Alvarez
PhD Student
CommSens Lab
Spain



Ufuoma Ovienmhada
MIT Media lab
U.S

Moderators



Masami Onoda
Director, Washington D.C. Office
Japan Aerospace Exploration
Agency(JAXA)



Kristin Wegner
Project Manager
GLOBE Implementation Office,
UCAR

FRIDAY, 25 OCTOBER, 2019

09.45 EST : GTS – Human Spaceflight – Room 147B (Broadcast Live Online)

Cannot make it to Washington D.C. for IAC 2019? You can still take part in the IAC 2019 Global Technical Symposium (GTS) remotely! These sessions showcase some of the recent advances in several technical topics discussed at IAC, with speakers sharing their work both from the IAC site itself and remotely. This fourth session is on “Human Spaceflight”.

13.30 EST : GTS – Entrepreneurship Around the World – Room 147B (Broadcast Live Online)

Cannot make it to Washington D.C. for IAC 2019? You can still take part in the IAC 2019 Global Technical Symposium (GTS) remotely! These sessions showcase some of the recent advances in several technical topics discussed at IAC, with speakers sharing their work both from the IAC site itself and remotely. This last one is on “Entrepreneurship Around the World”

For Selected Participants Only

GTS: Global Technical Sessions
NGP: Next Generation Plenary

GNF: Global Networking Forum

MEET AN IAF YOUNG PROFESSIONAL – Ali Nasseri

Who is Ali Nasseri in 5 hashtags?

#SpaceGen #AerospaceEngineerTurnedEducatorTurnedPhysicist #IAFYSL #SciComm

Why space? How you entered the space sector?

From when I was a kid, I was interested in science and used to do my own experiments. For example, one time I kept a nail in a damp environment for four years, just to see how rusting progresses! I attended an astronomy summer course when I was eight, and that made me interested in all things space. After that, I got a telescope which helped me get more into astronomy. I also started following activities on the Mir Space Station and on hubble. I remember seeing the launch of the ISS, and spending high school following the news of what was going on in space like hubble turning fifteen. When it was time for university, Aerospace Engineering was my third choice of major actually, but I got into that choice. My school was very focused on space, and in the second year I had the opportunity to join a lab to work on multidisciplinary design optimization of space launch systems. That continued

Your first contact with the IAF?

In 2011, I attended my first IAC in Capetown, where I presented my first ever poster which was focused on my undergraduate research. But I was not really part of the IAF community and committees until 2013, when I won the Emerging Space Leaders Grant Programme. As part of the grant program, we had meetings with the IAF presidents and with some of the committee members and young professionals. This helped me better understand the structure of the IAF, and join two committees in 2015.

A significant person you met through the IAF?

Oh, there's just so many people. And I think that is what makes this community unique!

Any experience/opportunity (around the IAF) that changed your professional career?

First thing that in a way changed my mind and was connected to the IAC, was SGAC. I became part of SGAC in 2012, and they supported me to go to IAC 2012. My experience was so positive that I joined the SGAC team, and tried to contribute to that organization. SGAC also linked me with many contacted within the IAF Community, which in turn helped when attending IAC. The other one was the Emerging Space Leaders grant program. It helped me connect with another set of people within the IAF Community, and also get a better understanding of how the IAF works. It led me to join the Space Education and Outreach Committee (where I am currently the vice-Chair) and the WorkForce Development-Young Professional Programme Committee.

A recommendation to the YPs for the next IAC?

While technical sessions are great (I know it, because I coordinate two symposia during the IAC!), make sure to take part in the networking events. The connections you make at a person to person level is what you really take away from a conference like this. In fact, life changing ideas tend to develop more over food and drinks, than in a presentation. I remember during my first IAC, I did not do that and while the technical sessions were great, I did not take anything other than knowledge away from that. For my second IAC in 2012, I won the SGAC SGLA award, and as part of that met SGAC members before IAC, which helped me connect with even more people at IAC. And those people are now people that I meet at different conferences or meetings that I go to, and help me achieve much more than I can do alone.



A life motto/quote you like and/or follow?

- There is no such thing as an unsolvable problem. (Sergei Korolev)
- I have learned to use the word 'impossible' with the greatest caution. (Wernher von Braun)

What is intriguing about these two quotes, other than the fact that I believe in them, is that these two guys were competing with each other in two very different environments, and yet their views are so close to one another.

Any final thoughts you want to share?

If you are not already contributing to the IAF or other organizations like SGAC, consider doing so! Of course, you have to find the right organization that matches your personality, but when you do it not only changes your professional career, but it also gives you opportunities you might not have even dreamt of!

FOLLOW US FOR MORE UPDATES

If you're a young professional attending, remember to give us your feedback and tag us on social media - we're **@IAFYPP** on Twitter and Facebook

