



SPACE GENERATION  
ADVISORY COUNCIL

**In support of the United Nations  
Programme on Space Applications**

# SGAC Origins



SGAC is a global **non-governmental, non-profit** organisation and network which aims to represent **university students and young space professionals** ages **18-35** to the United Nations, space agencies, industry, and academia.

Conceived at the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III) in Vienna in 1999.

*“ To create, within the framework of the Committee on the Peaceful Uses of Outer Space, a consultative mechanism to **facilitate the continued participation of young people from all over the world**, especially young people from developing countries and young women, in cooperative space-related activities [...] ”*



# SGAC Purpose

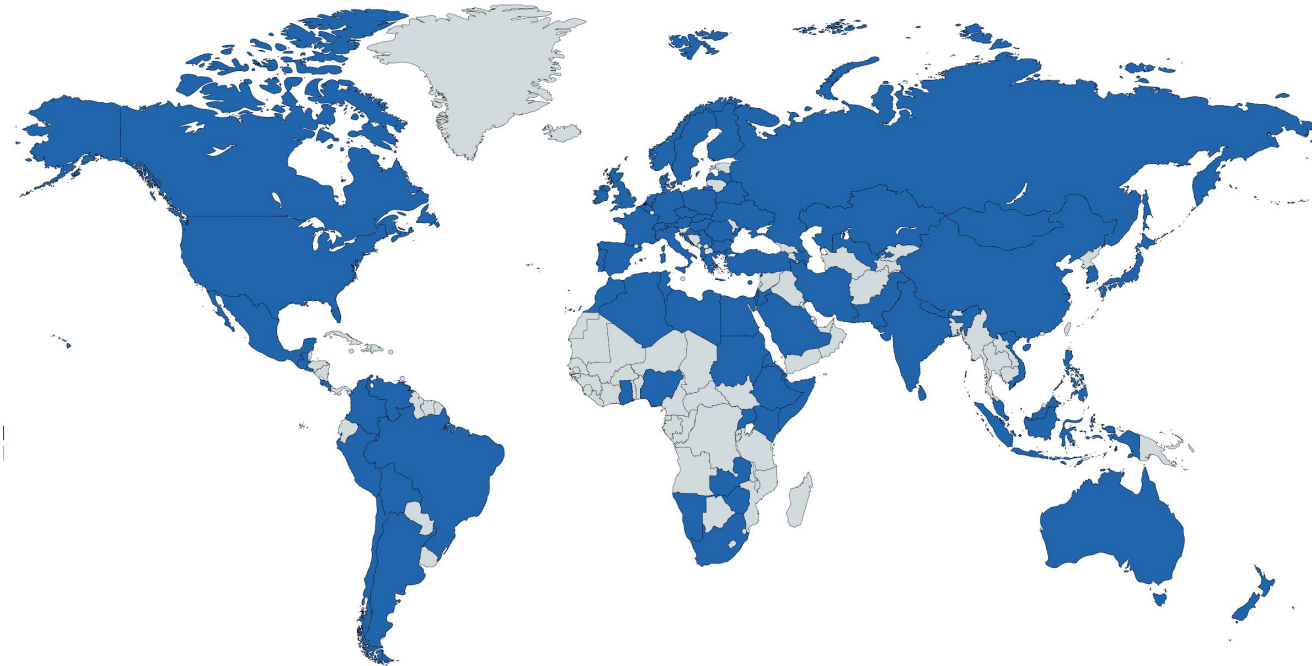


- Create a global volunteer base of university students and young professionals in the space sector who have a passion for making a difference in the space sector and a commitment to action
- Connect them to peers and top space professionals from various organisations
- Give the next generation of space sector leadership opportunities and a voice in global space policy





6 Regions, 150 Countries, 15,000+ Members





# SGAC The Five Pillars



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**Events**

**Project  
Groups**

**Professional  
Development**

**Scholarships**

**UN-related  
Activities**

# **International, Regional, Local and Online Events**



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# Space Generation Fusion Forum



- Held in conjunction with the [36th Space Symposium, Colorado Springs](#)
- Select group of 75 delegates (>15 different countries)
- Discussion of key space & career topics
- High-level international space leaders
- SGAC Global Grant Programme + 10-12 scholarships
- Networking events



<https://spacegeneration.org/sqff-events>

# SpaceGen Summit

For the past 20 years, SGAC has been representing students and young professionals passionate about space around the world and now more than ever we want to keep our community united.

The SpaceGen Summit (SGS) will be the 2020, online edition of Space Generation Fusion Forum. We will gather more than 75 participants, experts from the industry worldwide and SGAC Alumni over the course of four days. SGS will include breakout sessions, lightning talks, keynotes podcasts, and other online gatherings.

- 4-days long online series of Keynotes, Breakout and Networking sessions
- 79 Delegates
- 29 countries
- 53% delegates women
- 30 speakers and experts

**Website:**

<https://spacegeneration.org/sgs2020>



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# Space Generation Congress



- Held in conjunction with the International Astronautical Congress
- +150 delegates from +50 countries
- High-level speakers and Subject Matter Experts from space agencies, academia and industry
- Working Group topics on key issues from the space industry
- > 75 SGAC scholarships and awards available

Don't miss out your opportunity to join our next **SGC 2021** in Dubai!

21st - 23rd October 2021

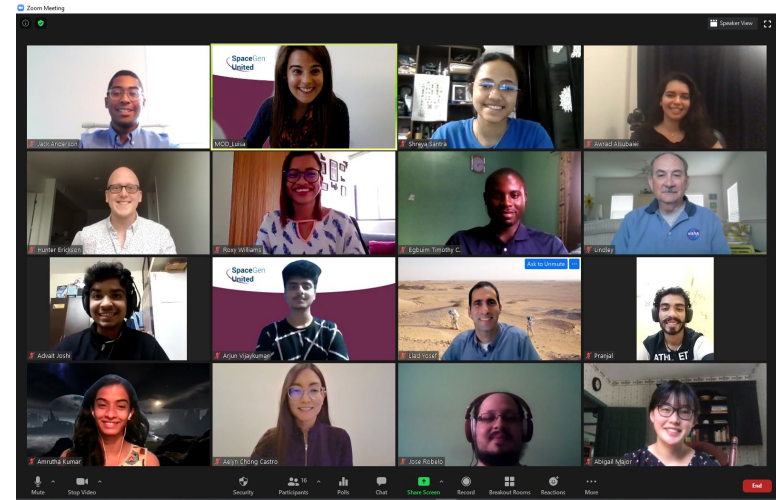


# SpaceGen United



SpaceGen United saw **143 delegates** from **53 different countries** join together for a dynamic and engaging, nine-day programme which hosted **14 hours of keynote speeches** as well as panels which featured everything from discussions on the space economy and the state of the European space industry, to a conversation with astronauts Mike Finke and Chris Ferguson.

**7 Workshops** took place during the week of SpaceGen United, including a virtual Hackathon sponsored by the European Space Agency as well as a UN COPUOS simulation, led by the Secure World Foundation, amongst others. These workshops provided an opportunity for delegates to deep dive into a variety of topics with the support and input of **50 subject matter experts** from right across government, industry and academia.



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## Space Generation Workshops (SGWs)

- Regional 2-day workshop
- Focus in on the **regional** space issues
- Developments within the next decade
- Projection of regional space activities in the future
- Discussions about regional cooperation



## SG[country]

- National 1-day event
- Focus in on **national** space issues
- Networking opportunities
- What's important to you and your country?



<https://spacegeneration.org/organise-an-sgac-event>

# SGAC Partnered and Endorsed Events



## Partnered Events:

Partnered Events are organised in partnership with another organisation or constitute a parallel programme to an existing event or conference. Most of the time, the whole event preparations (programme, invitations, delegates, promotion) is done in common agreement with the partner.

## Endorsed Events:

Endorsed Events are organised under a specific initiative promoted by other organisations. For instance, the World Space Week, SpaceUp or Yuri's Night.



<https://spacegeneration.org/organise-an-sgac-event>

# NextGen Summit



For this year's IAC, the **Space Generation Advisory Council (SGAC)**, the **International Space Education Board (ISEB)**, and the **IAF Space Education and Outreach (SEOC)** and **Workforce Development / Young Professionals Programme (WD-YPP)** Committees joined forces to bring to you a great pre-IAC session dedicated to the Next Generation of space leaders!

Part of the IAC 2020 – Cyberspace Edition's programme, and sponsored by Blue Origin, the NextGen Summit will assemble a mix of fun and engaging online talks, activities and cosmic content!



4 hours of content, 40 speakers and panelists (70% Women), interactive sessions with live polls and a space trivia quiz, 1700 viewers!

[Check the Event!](#)



# Diversity Action Team

As a result of SGAC's global membership base and diversity initiatives, the organisation is able to tackle important and often sensitive topics in the industry, drawing on member's experiences, background, and interests. However, we acknowledge that SGAC as an organisation can always do better and so can the space industry as a whole.

In June, SGAC made a commitment to change, announcing the development of a Diversity Action Team (DAT), to better educate ourselves and our members on the topic of diversity and inclusion as well as to set in motion our aspirations for a diverse and inclusive space sector. Since then, we have coalesced the team has been working to generate ideas to improve our work at SGAC and the space community at large.



## SGAC @ Global Aerospace Summit 2020

In this panel, experts from different regions, organisations and backgrounds explored how space and space applications came to be involved and included among the tools to achieve the SDGs in their respective region and analyse the critical contribution/role that space has with respect to the achievement of the goals with a special focus on SDG # 3, Health and Well-Being, reflecting the current environment.

The discussion has focused on the different regional perspectives as we all share a common mission towards the involvement of the next generation of space leaders in the achievement of the SDGs.

**How can space empower the Sustainable Development Goals?  
Visions and perspectives from the 6 United Nations regions**

**Panelists:**

 <b>Nobu Okada</b> Chief Executive Officer Astroscale	 <b>Gabriella Arrigo</b> Head of the International Relations Italian Space Agency	 <b>Prof. Alejandro Roman</b> General Director of Aerospace Development Paraguayan Space Agency	 <b>Fikiswa Majola</b> Deputy Director: Space Science & Tech, Department of Science and Innovation Republic of South Africa	 <b>Krystal Azelton</b> Director of Space Applications Programs Secure World Foundation	 <b>Hamda Al Hosani</b> Executive - Space Activities Licenses UAE Space Agency	 <b>Davide Petrillo</b> Executive Director Space Generation Advisory Council
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**Moderator:**



In collaboration with:

 **NEXT GEN LEADERS**

 **SPACE GENERATION ADVISORY COUNCIL**

Space Partner:

 **وكالة الإمارات للفضاء  
UAE SPACE AGENCY**



**SGAC doesn't stop!** Make sure to check our running webinars and online events:

- 90 Webinars and online events organized / supported since April 2020
- 126 countries reached
- Attendees Average age: 28 y.o.
- 100 - 1500 viewers



Emerging Space Program:  
Lessons Learned for the...

SGAC Webinar - Space for  
Urban Planning



ISSC2 Webinar -  
Entrepreneurship and Spac...



Health in Space Series:  
Women's health in space

If you want to organize a webinar, don't hesitate to reach out to [webinars@spacegeneration.org](mailto:webinars@spacegeneration.org) for further information and support!

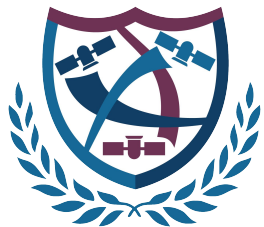
# Project Groups



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# SGAC Project Groups



Space Safety and  
Sustainability



Near Earth  
Objects



Space Law  
and Policy



Space  
Exploration



Space and  
Cybersecurity



Commercial Space



Space Medicine  
and Life Sciences



Small Satellites



Space  
Technologies for  
Earth Applications



Ethics and  
Human Rights

<https://spacegeneration.org/projects>

# Scholarships



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## About 150 Scholarships and Grants per year!



### SGAC – ECSL Competition

SGAC is excited to announce an opportunity for a student or young professional to attend the 2020 ECSL Summer Course on Space Law and Policy, which will be taking place online. The SGAC ECSL Competition seeks to provide an opportunity for students and young professionals of nationalities that are often under-represented in such events to take part in the ECSL Summer Course.

May 22nd, 2020 | Tags: ECSL, Scholarship, scholarships

[Read More >](#)



### Space for Youth Competition

Climate change is the defining issue of our time. From shifting weather patterns that threaten food production, to rising sea levels that increase the risk of flooding, the impact of climate change is global in scope and unprecedented in scale. Action is needed and young people play a key role. UNOOSA and SGAC want to give a voice to and promote youth's ideas on how space, in all its aspects, can mitigate climate challenges.

May 12th, 2020 | Tags: 2020, Climate Action, sgac, Space for Youth Competition, UNOOSA

[Read More >](#)



# Space 4 Youth



This joint project is a collaboration between the [United Nations Office for Outer Space Affairs](#) (UNOOSA) and SGAC, proposed in the context of supporting the first priority of the UN Youth Strategy (launched in September 2018), namely “Engagement, Participation and Advocacy to Amplify youth voices for the promotion of a peaceful, just and sustainable world”.



# UNOOSA Engagement Activities



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## Space4Youth Competition - Results

- ~220 essays received from 69 different countries, 41% Female
- 3 winners (from Mexico, Indonesia, China)
- 5 special mentions (from Paraguay, Nepal, Nigeria, Italy, China)
- Award supported by the US Mission to the International Organizations in Vienna

## Webinars

- Spotlight webinar to announce Winners (08.09.2020)
- WSW Webinar on Space4Youth, bringing together 2019 and 2020 winners



# Conclusions



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- Have your say in today's top space issues in a broader setting
- Building leadership skills, connect with current and future international space leaders
- Excellent opportunity to inspire the present and future workforce of the space sector, to provide opportunities to network and enable to exchange opinions and ideas in an international context.
- Highlight the importance of diversity in the space sector and the need to involve youth in determining the future direction of space policy and exploration as an essential tool to build a better future for humanity.
- We must strive for providing a platform for our students and young professionals to become the leaders of tomorrow. If this pandemic has been taught as something is to adapt, trust the talent of young people to come up with innovative ideas and prepare us better for any challenge ahead.



With all these activities we realized how the reach has increased; members from emerging countries were able to connect within our activities, we increased our diversity reach, we gave opportunities to members connecting through our activities for free. We lost things but we achieved others.

The most important and the most pressing issue will increase feature in the students and young professionals life and in the coming generations and our education mission here at SGAC is to cultivate the next generation and make them become the next space leaders as we are the decision makers of tomorrow and that's why SGAC is doing its best to give to the next generation teaching, learning and mentoring opportunities so that the space sector is something that will keep going grow stronger like it has been done.

Nevertheless, youth are among the most active in global responses: they are also advancing health and safety in their roles as researchers, activists, innovators, and communicators. As such, decision-makers must commit to ensuring youth voices are part of the solutions for a healthier, safer, and gender-equal world.

# SGAC Beyond a Network

## #SGAC

## #SpaceGen



SGAC Photo Gallery



Space Generation Advisory Council



@SGAC



spacegeneration



Space Generation Advisory Council



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