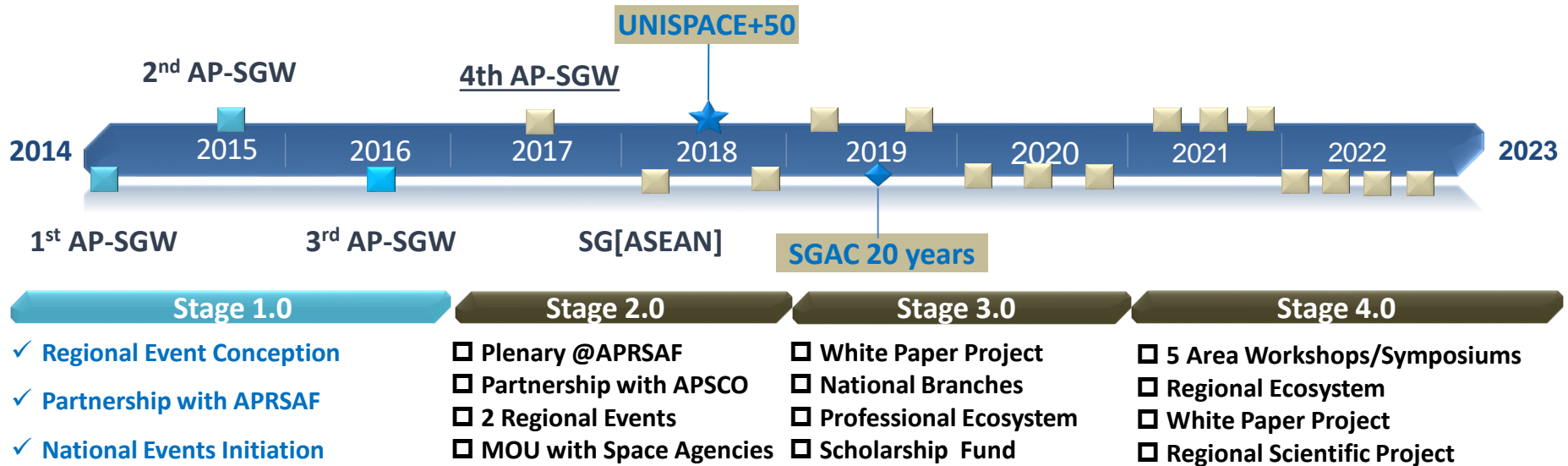




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Asia-Pacific 10-year Outline on Promoting  
Future Space Collaboration

# SGAC 10-year Outline (Asia-Pacific)



# Executive Summary

- SGAC Origin
- SGAC Goal
- Implementation
- SGAC 10-year Outline (Asia-Pacific)
- Future Challenge
- Emerging Opportunity
- Next Step



# SGAC ORIGIN



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# Origin

*“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...”*



UNISPACE III in 1999

Students & Young Professionals

Vienna Declaration



# SGAC GOAL



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# Goal



# IMPLEMENTATION



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# Implementation



**6 Regions**



**100+ Countries**



**10,000+ Members**



**United Nations**

- COPUOS
- ECOSOC

**Global Events**

- SGC
- SGFF
- SGWs

**Project Groups**

- Research
- Scholarships




# SGAC 10-YEAR OUTLINE (ASIA-PACIFIC)

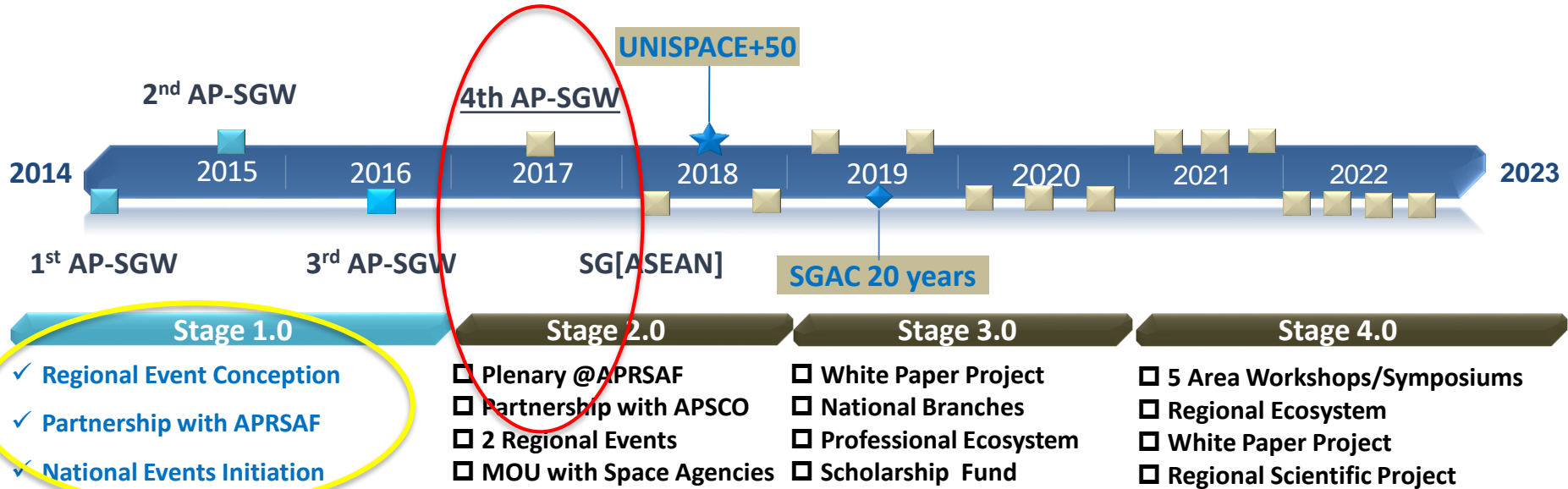


# SGAC 10-year Outline (Asia-Pacific)



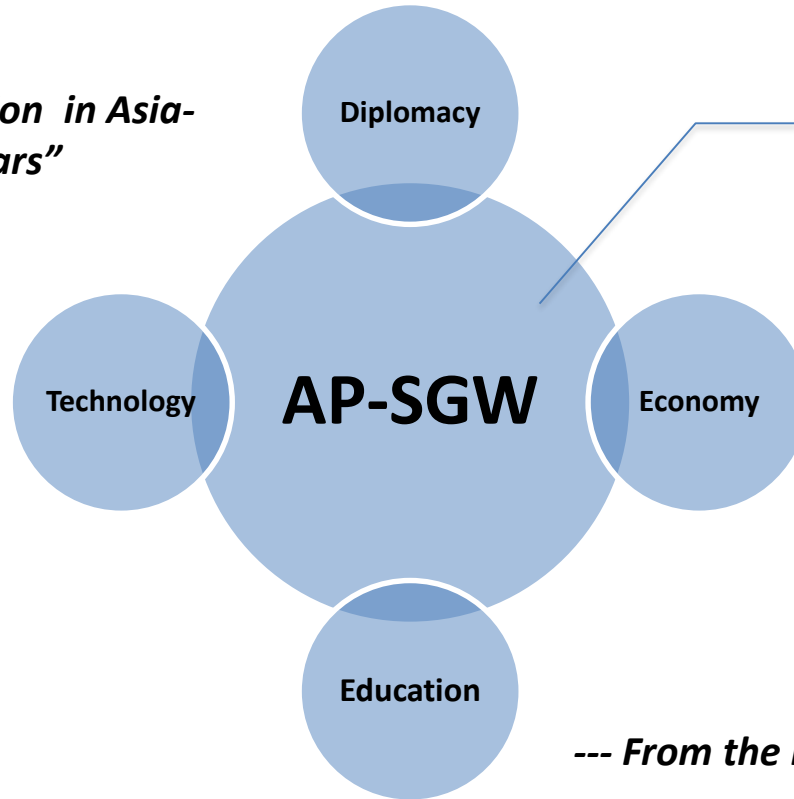
-  18 Member States
-  2000+ Members
-  Regional & National Events
-  Region-focus Projects

# SGAC 10-year Outline (Asia-Pacific)



# SGAC 10-year Outline (Asia-Pacific)

*“Promote space collaboration in Asia-Pacific in the next 20-30 years”*



- ✓ Plenary Session
- ✓ Working Groups
- ✓ Cultural Exchange
- ✓ Recommendations

*--- From the next generation's perspective*



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# FUTURE CHALLENGE



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# Future Challenge



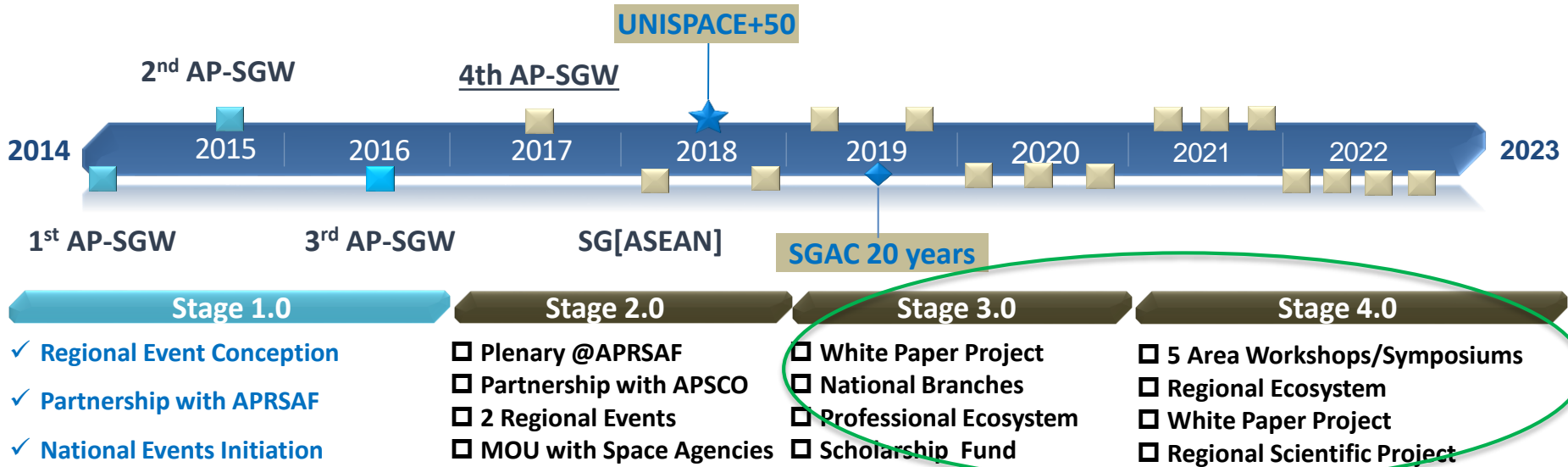
# EMERGING OPPORTUNITY



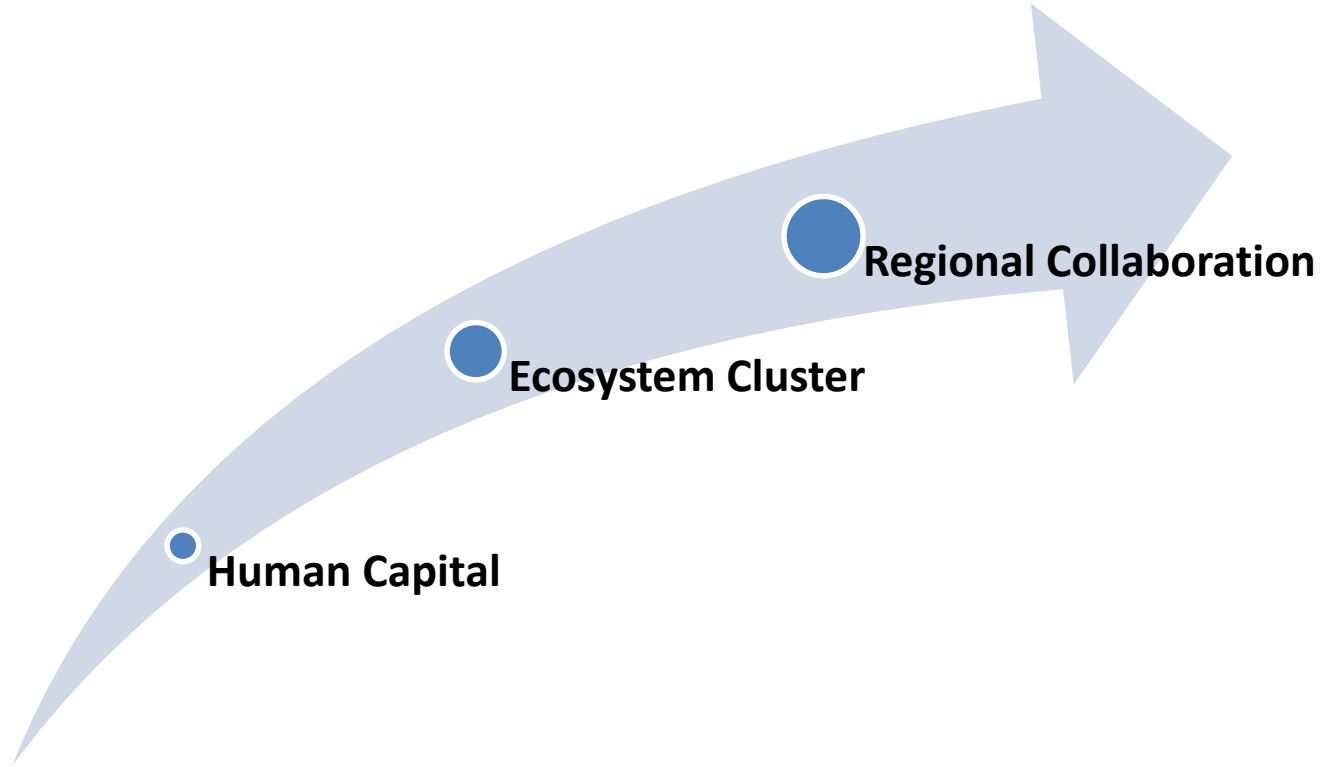
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# Emerging Opportunity



# Emerging Opportunity



# NEXT STEP



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# Next Step



# THANK YOU

Zihua Zhu

Asia-Pacific Regional Coordinator

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# ADDITIONAL SLIDES

OPTIONAL



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# Regional and National Events

## 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



## Space Generation National Events

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



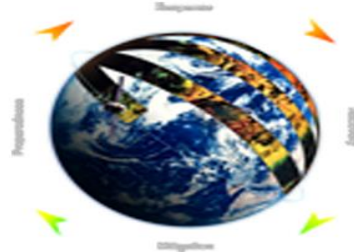
# SGAC Project Groups



Space Safety and Sustainability



Near Earth Objects



Space technologies for Disaster Management



GNSS



Commercial Space



Space Law and Policy



Space Exploration



Small Satellites





# WHY BECOME A MEMBER?



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# Be part of the Space Generation

- Have your say in today's top space issues in a broader setting
- Access to scholarships
- Network, access to potential employers
- Building leadership skills
- Connect with current and future international space leaders
- Join the SGTalk mailing list for career opportunities, news and updates
- **Membership is free**

Join the SGAC Talk List



# Be part of the Space Generation



- **Become a member**
  - Register yourself on the SGAC webpage
- **Be informed**
  - Subscribe to the SGAC TALK list
  - Contact your NPoC and join your local network
- **Be involved**
  - Keep a look out for vacancies and opportunities
  - Attend events and conferences

Get the latest news on events, scholarship opportunities, internships, job prospects...and more!



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# Join the #SpaceGen network

Be part of the largest network of students and young professionals in the space sector



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# SGAC is about people.....



2nd

Chris Boshuizen

Board of Directors at **Advance – Australia's Global Community**  
Data Collective • University of Sydney  
San Francisco Bay Area • 500+ members

## Experience



### Entrepreneur in Residence

Data Collective  
Nov 2015 – Present • 1 yr 5 mos • Palo Alto

Solving hard problems one electron at a time.

See less



### Board of Directors

Advance – Australia's Global Community  
Feb 2016 – Present • 1 yr 2 mos



### Co-Founder and CTO

Planet Labs  
2010 – Nov 2015 • 5 yrs 11 mos • San Francisco

See description



### Space Mission Architect

NASA Ames Research Center  
Jan 2008 – Mar 2012 • 4 yrs 3 mos • Moffett Field, Ca

See description



### Space Generation Advisory Council

Published by Hootsuite [?] • February 21 •

Check out what SGAC former Executive Director, Ariane Cornell (2009-2012), has been up to as head of astronaut strategy at Blue Origin!  
#spacegen

<http://ow.ly/k1ph309dCIS>



### MBA in space: rocket science absorbs business school thinking

Demand for management expertise as start-ups burst into life



### Space Generation Advisory Council

Published by Hootsuite [?] • January 17 •

Congrats to SGAC's SpaceOps Student & Young Professionals Programme co-Lead, Chiara Cocchiara, for being named on Forbes 30 under 30 Europe - Industry!

#spacegen #forbes30under30 #forbes

<http://ow.ly/475Z3083Sa7>



### Chiara Cocchiara

Chiara Cocchiara - 30 Under 30 - Europe - Industry  
FORBES.COM



### Space Generation Advisory Council shared Copernicus EU's photo.

Published by Lindsey Yee [?] • February 4 •

Former SGAC co-chair, Agnieszka Lukaszczyk-Juzyk, talks satellites at the 5th Copernicus EU Training and Information Session  
#spacegen



### Space Generation Advisory Council

Published by Hootsuite [?] • January 11 •

Congrats to SGAC member, Charlotte Kiang, on being named one of Forbes 30 Under 30 for Enterprise Technology!

#spacegen #forbes #30under30

<http://ow.ly/Dhgd307Tdo5>



### Charlotte Kiang

Charlotte Kiang - 30 Under 30 - Enterprise Technology  
FORBES.COM



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# Example SGAC Products

- Events
  - Space Generation Congress (SGC)
  - Space Generation Fusion Forum (SGFF)
  - SGx
  - Regional and National Workshops
- 8 Year-round Projects
  - Space Safety and Sustainability
  - Space Exploration
  - Space Law and Policy .....and many more
- 132+ Scholarships offered in 2016
  - SGAC Global Grants Programme
  - SGAC Young Leaders Scholarship
- Special Projects & Other Events
  - Space Ops Workshop
  - European Student Workshop



# Space Generation Congress

The 16<sup>th</sup> Edition of SGC will be held in Adelaide, Australia (21 – 23<sup>rd</sup> September 2017)

- Held in conjunction with the 68<sup>th</sup> International Astronautical Congress
- 150 delegates from +35 countries
- High-level speakers and Subject Matter Experts from space agency, academia and industry
- 5 Working Group topics on the key issues of the current space industry
- ~70 SGAC scholarships and awards available



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# 7<sup>th</sup> Space Generation Fusion Forum

- Held in conjunction with the 33rd Space Symposium, Colorado Springs
- Select group of 60 delegates
- Discussion of key space topics
- High-level international space leaders
- SGAC Global Grant Scholarships
- Networking events





# Events

## Global Events

SGC

SGFF

SGx



## Regional Events (SGW)

AP-SGW

SA-SGW

E-SGW

AF-SGW

CA-SGW

## Local Events (SG[-1])

SG[Colombia]

SG[Israel]

SG[Kuwait]

SG[Greece]

SG[Bolivia]



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# Competitions and Scholarships

- Recognising active members and future leaders
  - Space Generation Leadership Award (SGLA)
  - Space Generation Global Grant Program
- Support of partner programs
  - IAF Emerging Space Leaders (ESL) Grants
  - Future Space Leaders (FSL) Grant
  - AYAA Young Australian Space Leaders Scholarship



# Competitions and Scholarships

- Supported by partners
  - SGC
    - ASI-SGAC grants
    - DLR Standout Student scholarship
    - SGAC-AEM Mexican Scholarships
    - \$pace is Business!
    - Move an Asteroid
    - Space Solar Power
    - OHB Competition
    - Young ESA-SGAC Diversity Scholarship
    - SSPI Scholarship - Satellite Futures
    - ILEWG Scholarship
    - ispace Competition
  - SGAC-IAASS Paper Competition
  - SATELLITE
  - Find an Asteroid Competition
  - .....



# SGAC: BEYOND A NETWORK



SGAC Photo Gallery



Space Generation Advisory Council



@SGAC



spacegeneration



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## #SGAC #SpaceGen



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