



# SPACE GENERATION

the global space youth network

in support of the United Nations Programme on Space Applications

[www.spacegeneration.org](http://www.spacegeneration.org)



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**Space Generation Advisory Council  
Student Outreach Project – The Space  
Generation Congress and MoonMars  
Workshop**





# Outline of Presentation

- Introduction
- History and Background
  - Birth of SGC and MMW
- SGC and MMW structure
  - goals and cornerstones
  - annual meeting
  - spin off projects and results
- Wrap up





# My involvement

- 2004-07 Postgraduate Research in Aeroacoustics of Aircraft Cavities (The University of Adelaide)
- 2004-06 Space Generations Advisory Council (SGAC)

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# SPACE GENERATION ADVISORY COUNCIL

in support of the United Nations Programme on Space Applications

## Background

### July 1999 United Nations UNISPACE III conference

Space Generation Forum - ISU Alumni acted as organizers

Ten youth recommendations were submitted

Five were incorporated into the UN Vienna Declaration

- ***Global Space Education Curriculum***
- *Priority Access to Mobile Satcom Network for Disaster Emergency Management*
- SGF Follow-up
- International Space Authority
- Establishment of an International Centre for Space Medicine
- International Space Chamber of Commerce
- Action Plan for Meeting the World's Basic Needs through Technology
- Nobel Space Prize
- ***UN Space Advisory Council***
- *Planetary Defense/Protection*



Vienna, 14-22 July 1999





**October 1999** - United Nations approved a recommendation 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.”*

2000, 2001, 2002 Graz, UN/ESA/Austria Forum on:  
**Enhancing the Participation of Youth in Space Activities**



## **June 2001 - SGAC was granted permanent observer status to the UN COPUOS**

A landmark in the development of SGAC as it formalises our relationship with the UN and provides a direct channel through which the SGAC can present the opinion and ideas of the world's youth on space related matters.

**Only youth space organisation with direct dialogue to UN !**



## Structure

6 geographic regions:

- Africa
- Asia-Pacific
- Europe
- Middle East
- North America
- South America



**We are GLOBAL**

**and so naturally  
have the 3 I's**

**inter national  
inter cultural  
inter disciplinary**





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## National Points of Contact

### For Africa:

Burundi, Burkina Faso, Cote d'Ivoire, Ethiopia, Gambia, Ghana, Kenya, Madagascar, Mali, Senegal, South Africa, Swaziland, Togo, Uganda, UR of Tanzania, Zambia, Zimbabwe

### For Asia-Pacific:

Australia, Bangladesh, China, India, Japan, Malaysia, Pakistan, Philippines, Singapore, Uzbekistan

### For Europe:

Armenia, Austria, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Netherlands, Poland, Portugal, Romania, Russian Federation, Spain, Switzerland, United Kingdom

### For Middle-East:

Azerbaijan, Israel, Jordan, Kuwait, Turkey

### For North America:

Canada, Cuba, Honduras, Mexico, Trinidad and Tobago, United States

### For South America:

Argentina, Bolivia, Brazil, Chile, Colombia, Peru, Uruguay, Venezuela





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## Recent Developments

- Collaboration with OOSA (workshops)
- SERCO sponsorship (more sponsors will now follow)
- Co-operation with the Planetary Society, National Space Society
- Partnerships with SEDS, Space Alumni, national groups
- Support from Space-Careers.com
- Next Generation Exploration Congress (NASA)
- IAF Young Professionals Programme



## Goals of SGAC

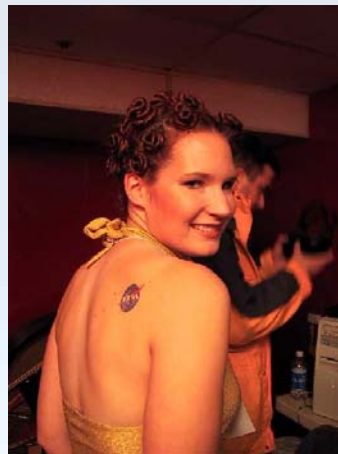
- Implement the SGF recommendations .....  
by mobilizing the youth of the world and their associated organizations
- Increase visibility of youth space activities and events
- Inform **COPUOS** and help the **UN Programme on Space Applications**
- Develop expertise and skills of youth volunteers (leadership / management , team work, decision taking, etc...)
- Establish a **global network** with particular focus on Space **Education** Activities
- Act as **watchdog for Space Agencies** and political bodies (encourage them)
- Make use of our network: **inform, inspire, involve!!!**





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SPACE GENERATION  
ADVISORY COUNCIL  
PRESENTS



## SPACGENERATION CONGRESS

VALENCIA SPAIN 28-30 SEP 2006

[Delegates](#) | [Sponsors](#) | [Press Room](#)

### Explorers Wanted: Building our future in space

Welcome to the Space Generation Congress 2006 in Valencia, Spain, where more than 160 young delegates from over 35 countries will formulate and realize the visions and recommendations of youth on the exploration and peaceful uses of space.

This year's theme **"Building Our Future In Space"**, captures the new spirit of exploration in space industry. As individuals and corporations make their first steps into a new era, we make a call to all explorers who dream of leaving our cradle, Earth, to explore the solar system and beyond.

*"The best way to predict the future is to invent it."*

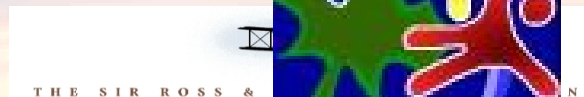
-- Alan Kay in 1971



# Space Generation Congress



- The event is organised by the SGAC
- Is the **body** through which students' and young professionals' views are represented to the UN COPUOS
- Held in conjunction with the IAC and is a World Space Week event
- A meeting of 200 international young delegates to form a number of diverse working groups





# Aims of SGC

- To develop a world wide network of space enthusiasts with the aim of bringing to reality the future of living and working in space
- Delegates build on previous recommendations and generate new ideas for projects to accelerate humanity's place in space

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# SGC - Working Groups

- SGC allows working groups to meet in person to work on their respective projects, and present their work to their colleagues and the international space community gathered at IAC

## Working Groups include

- Moon Mars Workshop
- Education through space exploration
- Inspiring the public through space exploration
- Global relationship building
- Space commerce
- Space law, governance & policy







# The Delegates







# MMW Explores Wanted

- *“Challenges for the next 20 years: How to achieve a long-term sustainable MoonMars program of human and robotic exploration”*
- Our task was to prepare a realistic project (time line 1 yr) and a presentation to SGC & IAC outlining our efforts and our research proposal





# MMW

My roll as MMW Coordinator

- Project Moderation
- Overall running of the MMW during our stay in Fukuoka







# SGC and the MoonMars Workshop





# Guest Speakers



**Dr Wendell Mendell** – Manager,  
Office for Human Exploration  
Science at NASA JSC



**Dr Bernard Foing** – Chief Scientist for  
ESA





# Guest Speakers







# Guest Speakers



**Iris Fischer** – JPL NASA & MMW



**Chris Lewicki** – Flight Director for NASA Mars Exploration Rover Mission





# Space Celebrities

**Sean O'Keefe – NASA Administrator**



**James Cameron – Film Director**



**Bjarni T – CSA Astronaut**



**Chris Hayfield – CSA Astronaut**





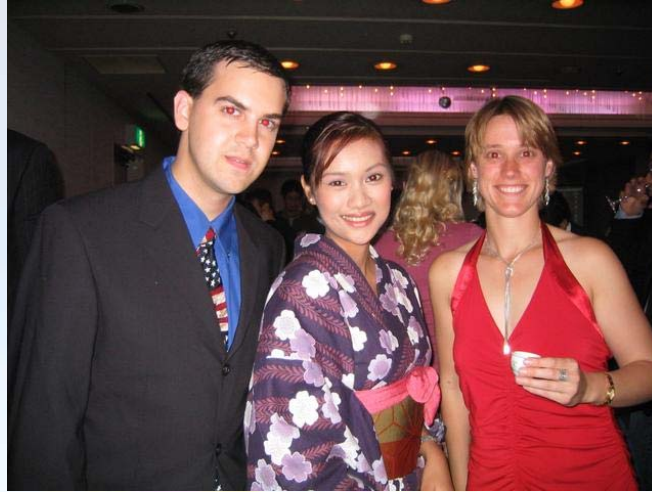
# Culture







# World Culture







# Culture, Fun and Space... the perfect conference!







# Culture, Fun and Space... the perfect conference!



Thank You

Questions



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## Join us!



share your passion in a free worldwide network,  
to be informed,  
to enhance your skills,  
to travel the world, and even  
to find a space job

[www.spacegeneration.org](http://www.spacegeneration.org)

