Space Generation Advisory Council Presents:

Aiming Ahead:

Next Generation Visions for the Next 50 Years in Space
Overarching 50 Year Vision:

*Humanity becomes an interplanetary species as the first child is born on another world*
Overview of the survey

• *What key event should occur in the next 50 years?*
• Youth aged 18 – 29
• Opened-ended
• 276 distinct respondents
• 750 key events described
• Important but unresolved issues followed up in Round 2.
Theme 1: Ensuring the Survival Interests of Humanity

• Overwhelming response: The moon
• Space Governance
• International Cooperation
Theme 2: Space for the Benefit of All and Our Environment

• Commercialization and Privatization of Space
• Education and Outreach
• Energy and Resources
• Space Sports, Art and Culture
Theme 3: Advancing the Frontiers of Science and Technology

• Humans to Mars and beyond
  – The following steps after the moon

• Astrobiology

• New Technologies
Space Tourism

• The average person should have access to space tourism

• Lower ticket prices to give the average person access to space
World Governments and Private Industry

• World governments should create a fair trade and opportunities system

• Regulated access to developing technology should be given to private industry
The Moon

- Most important use of the moon: As a stepping stone for missions to other parts of space
- Lunar resources should be used to sustain humans visiting the moon
Mars

• The main priority for technology should be longer-working and more efficient life support systems

• Scientific research should be the main objective of visiting Mars
International Space Station

• Complete the ISS and then reassess maintenance
• Construct new space station with government and private industry cooperation
  – New space station needed:
    • As a docking station for future space missions and more effective
    • To be more effective in terms of cost and science benefits
Governing Space

• Form an entirely new international space governing body
• Respondents were split on who should form the new space governing body. Responses split between:
  – All countries
  – UN
  – Space-faring countries
• The new governing body should be created now!
• Respondents were split on the most important revisions to the Outer Space Treaty and related documents
  – Make it compulsory for countries to register defense-related missions
  – Make additions for destinations likely to be visited in the future
SGAC 50-YEAR VISION ROADMAP
SPACE GENERATION

the global space youth network
in support of the United Nations Programme on Space Applications

www.spacegeneration.org