

IAA Multi-Commissions Study on STEM / STEAM for Space - Grand Challenges

Members' Meeting

AGENDA

Wednesday 25 March 2015, 14h00-16h00, IAA

1. Welcome.
2. Members' introductions and brief presentations.
3. Discussion:

Development of a STEM/STEAM in Space Workforce Strategic Roadmap

Establishment of IAA STEAM workforce projections for 2020

First Symposium on "STEM/STEAM in Space" in June 2016:

The theme:

"Emerging STEM/STEAM and Space."

Possible topics:

The Nature and History of enhancing STEM education:

Space Physics, Space Biology & Life Science, Space Technology, Planetary Science and more.

How & where should Space Agencies and Academies act?

How to develop talented future scientists and engineers for space activities?

What are the educational trends and expected new space fields?

Which fields are expected to lead to the next round of innovations in space science and technology, and their interactions with the creative arts?

Speakers:

Members of national academies, national space agencies, the six IAA commissions, governments, private organizations, and companies with vital interests in STEM/STEAM education for space.

Possible academic hosts for the First Symposium in June 2016:

MIT (Cambridge, USA)

Clarkson University (Potsdam, USA)

McGill University (Montreal, Canada)

Torino Polytechnic University (Torino, Italy)

Social time

Address:

Aeroclub de France building, 6 rue Galilee, 75116 Paris, France, Metro line 6, Boissieres station