



KTH Space Rendezvous ***Human space flight and exploration***

Tuesday, 9 October 2018, 13:00-18:00, in lecture hall E1, Lindstedtsvägen 3, floor 2.

Session 1: 13.00 – 15.00

- 13:00-13:10: *Welcome and intro*
- 13:10-13:40: **“Current plans for new piloted spacecraft and missions”**, Christer Fuglesang
- 13:40-13:50: *Questions & discussion*
- 13:50-14:20: **“Human Space Exploration beyond the Low Earth Orbit based on the ISS actives - Overview of Recent Japanese Activities”**
Japanese astronaut Chiaki Mukai
- 14:20-14:30: *Questions & discussion*
- 14:30-14:50: **“What are the Chinese up to in human spaceflight?”**, Sven Grahn, KTH
- 14:50-15:00: *Questions & discussion*

15:00-15:30 *Coffee*

Session 2: 15.30 – 17.50

- 15:30-15:50: **“Can we live on the Moon and Mars?”**, Dag Linnarsson, Karolinska Institutet
- 15:50-16:10: **“Planetary habitats analogue: the effects of hypoxic bedrest on human physiology”**, Michail E. Keramidias, KTH
- 16:10-16:30: **“Student studies of an Interplanetary gateway near the Moon”**,
Johan Ferm, KTH student
- 16:30-16:50: **“ZeroG as a first step for cleaner and happier astronauts”**,
Sébastien Ruhlmann, KTH student
- 16:50-17:10: **“What role for Sweden in human spaceflight”**:
Mathias Sundin, Former MP och co-founder Warp Institute
- 17:15-17:45: Panel discussion:
“Short, medium and long-term goals for human spaceflight and exploration, what should they be?”
Moderator: Sven Grahn
Panelists: Chiaki Mukai
Anna Rathsman, GD Swedish National Space Agency
Dag Linnarsson
Mathias Sundin
Christer Fuglesang
- 17:45-17:50: *Wrap-up*

Thereafter: **Space Pub** in *Tolvan* on Osquars Backe 12