**Research in Space - New Business cases**

workshop agenda

Day 1, Wednesday 3 April

13:00 Welcome

Bernhard Hufenbach - ESA

13:30 Keynote “Policy Aspects of Commercialisation and Global Market”

Sam Scimemi - NASA

14:00 Presentations on new utilisation scenarios

* Christian Steimle - Airbus
* Hilde Stenuit - Space Applications Services
* Christian Stenzel - Airbus

14:30 Panel “New Utilisation Scenarios” (moderator: Stefaan De Mey)

* Richard Aked - Space Applications Services
* Marco Berg - OHB
* Alessandro Donati - Kayser Italia

15:00 Coffee Break

15:30 Keynote “Enabling a Global Market”

Frederick Ronse - Ovinto

16:00 Panel “Global Market – Global Players” (moderator: Marco Caporicci)

* Luciano Saccani - Sierra Nevada Corporation
* Richard Pournelle - NanoRacks
* Christian Maender - Axiom Space
* Shinichi Takata - JAXA

16:30 Presentations “The word of our international partners”

* Neeraj Gupta - Sierra Nevada Corporation
* Hideaki Uchikawa - JAXA
* Shinichi Takata - JAXA

17:00 End Day 1

Day 2, Thursday 4 April

09:30 Keynote: “Architectures”

* Daniele Laurini - ESA

10:00 Panel: “International Architectures” (moderator by Uwe Pape)

* Oliver Romberg - DLR
* Neeraj Gupta - Sierra Nevada Corporation
* Carlo Mirra - Airbus

10:30 Interactive session: disruptive architectures

Desired capabilities of LEO research and service infrastructure

Andreas Borggraefe - ESA

Disruptive technologies significantly change the LEO ecosystem

Markus Landgraf - ESA

Pathways, roadmaps, and programmatics of the transition from current state to desired state

Stefaan De Mey - ESA

11:15 Coffee Break

11:45 Outcomes of interactive session

12:00 Pitches on disruptive technologies

* OffWorld
* RoadEO
* ESA/ESTEC
* Bauman Moscow State Technical University
* kiwi microgravity UG
* Space Ventures Investors
* NanoRacks Outpost Europe

12:30 Architectures study reports

12:55 End of part 1

13:00 Lunch

**Business in Space Growth Network (BSGN) workshop**

14:00 Demand stimulation

Bernhard Hufenbach - ESA

14:15 Introduction and background

14:30 Interactive session

17:00 Summary and Next Steps

17:15 End