



Kick-off meeting of the CAS Research Focus
Mission Space: From Earth to Exoplanets

May 21, 2026

Location: Center for Advanced Studies, Seestraße 13, München

13:00	Welcome and Introduction to CAS Research Focus "Mission Space" Lena Bouman, Heiner Igel and Alexander Choukér
13:15	Humans in space Human brain in space, microgravity versus social isolation, stress response and immunity Dominique Moser, Alexander Choukér, Peter Graf zu Eulenburg (Medicine)
14:00	Space Weather Solar storms, magnetic field Elena Kronberg (Earth Sciences)
14:30	Life in Space Genetics, stress response of bacteria Silke Robatzek, Kirsten Jung (Biology)
15:00	Coffee Break
15:30	Origin of life, habitability Astrobiology, exobiology; How to recreate Life on early Earth William Orsi (Earth sciences), Dieter Braun (Physics)
16:30	Earth Sciences – Geomaterials Subsurface imaging of planetary structures – Planetary materials (regolith) Heiner Igel, Yan Lavalle, Felix Bernauer (Earth sciences)
17:30	Final Discussion Common ground – networking – seminar schedule
18:00	Refreshment Break
19:00	Mission Space: Luxury or Necessity? Panel Discussion with Dr. Thomas Reiter, Prof. Dr. Eva-Maria Kern, and Stefan Kober Chair: Prof. Dr. Alexander Choukér, Prof. Dr. Heiner Igel (LMU)
	Reception