

Programme:

SPACE WEEK 2022

EVENT BRNO

Nov. 30, 2022 from 2 to 9 p.m.

Brno Observatory and Planetarium

Kraví hora 974/1, Brno

On the topic: Space education and research

Moderation: Tereza Pultarová, Senior Reporter at Space.com, London

1:00–2:00 p.m. Registration and Welcome Snacks

2:00–2:15 p.m. Introduction

Opening remarks:

- **Ladislav Janíček** (Rector of the Brno University of Technology)
- **Markéta Vaňková** (Mayor of Brno)
- **Tomáš Kašparovský** (Dean, Faculty of Science, MU)
- **Václav Kobera** (Ministry of Transport, Director of ITS and Space Activities, Research, Development and Innovations)

2:15–2:35 p.m. Presentation

- **Thu Jennifer Ngo-Anh** (European Space Agency, NL)
ESA's human spaceflight activities

2:35–3:35 p.m. Study Program and Continuing Education

- power point presentations, each educational institutions has 10 minutes to discuss their program

3:35–3:50 p.m. Audience Q&A

3:50–4:05 p.m. Coffee break 1

4:05–4:25 p.m. Keynote speech

- **Norbert Werner** (Professor, Department of Theoretical Physics and Astrophysics, MU)

4:25–5:15 p.m. Industry panel

- **R. Hudec** (CTU in Prague), **L. Kühn** (BizGarden), **P. Pořízka** (CEITEC BUT), **M. Kubíček** (Uptimai)

5:15–5:25 p.m. Q&A

5:25–5:40 p.m. Coffee break 2

5:40–6:55 p.m. Prospective directions in space research at Czech universities with high commercial and/or scientific potential: series of presentations with Q&A

- Czech-Taiwanese research on satellite communication gives rise to an international maritime navigation network
- Czech university research on stress resilience as a promising element in astronaut care
- Czech-Hawaiian scientific cooperation in solar corona observation research

Key speakers:

- **T. Götthans** (BUT), **T. Koutník** (Uptimai), **Xavier Liao and Sheng-Long Kao** (IMRC, TW)
- **J. Dobrovolná** (MU), **V. Šálený** (BUT), **R. Waclavicek** (LIQUIFER, AT)
- **M. Druckmüller** (BUT), **S. Habbal** (UH, HI)

6:55–7:00 p.m. Closing remarks

- **Jiří Hlinka** (Dean of the Faculty of Mechanical Engineering, BUT)

7:00–9:00 p.m. Cocktail Reception with accompanying programme

- Humorously conducted serious scientific lecture by **Prof. Miloslav Druckmüller** "With the heavy ions in the solar corona it is tough"
- Mission that has accompanied my professional life for almost 30 years – lecture by **Prof. Klaus Schilling** „Rosetta: chasing and landing on a comet"
- Screening of the film comedy "MARS" by **Benjamin Tuček** shot at the Mars Desert Research Station in Utah featuring the BUT Crystal inflatable habitat