

1st Space Technology Course

2nd Week Schedule

22 November (Monday) in Stefanik Observatory

- 9:00 Opening of the 2nd part of the Course
Prof. Dr. Ing. Miroslav Svátek, CTU in Prague
Roman Srp, Vice-president, ITS&S (SDT)
- 9:10 Welcome in Stefanik Observatory
Jakub Rozehnal, Štefánik Observatory
- 9:30 Space Science: the view on exploration (an introduction into the history of space science)
Milan Halousek, Czech Space Office
- 11:00 The Universe (big bang, galaxies, nebulars, stars, moons, meteoroids, ...)
Prof. RNDr. Petr Kulhánek, CSc., CTU in Prague, FEE
- 13:00 Lunch break
- 14:00 Micro-Gravity - introduction into life and material research
Peter Kern, Astrium
- 15:30 Micro-Gravity research at ISS - opportunities for the Czech Republic
Ulrich Kuebler, Astrium
- 16:00 Team Work: Czech research ideas for COLUMBUS ISS module
(all students in separate groups)
- 17:00 End of lectures

23 November (Tuesday) in CTU FTS (Na Florenci 25)

- 9:00 Team Work continued
(all students in separate groups)
- 10:00 Presentation of ideas and discussion
- 11:00 Ways and means for exploration
a) interstellar missions
b) planetary missions
Michal Václavík, Czech Space Office
- 13:00 Lunch break
- 14:00 The Ground infrastructure for Space Missions
a) Operation: Launch Pads, Ground & Mission Control
b) Development: Test & training facilities
Wolfgang Schneider, Astrium
- 17:00 End of lectures

24 November (Wednesday) - Excursion to Space Facilities in Munich

- 8:30 Bus transfer to Munich
departure from Bus Station Zlicin
- 13:00 Arrival in Munich, Lunch
- 14:00 DLR presentations
- 15:10 Facility tour at Galileo Control Centre and DLR Earth Observation Centre
- 16:30 Bus transfer to hotel A&O München Hauptbahnhof

25 November (Thursday) - Excursion to Space Facilities in Munich continued

- 9:00 Bus transfer to IABG Company
- 10:00 Guided tour through the IABG facilities
- 12:30 Bus transfer to EADS Astrium at Munich Ottobrunn
- 13:00 Lunch at Astrium
- 13:45 Astrium presentations
- 14:45 Guided facility tour
- 17:45 Bus transfer to Munich Putzbrunn
- 18:00 Evening reception by Astrium
- 19:30 Bus transfer to hotel A&O München Hauptbahnhof

26 November (Friday) - Excursion to Space Facilities in Munich continued

- 9:00 Sightseeing tours of Munich
- 10:30 Transfer to Prague
- 14:30 Arrival at Bus Station Zlicin
End of 2nd week activities

The Course Programme can be changed without notice / změna programu vyhrazena!

1st Space Technology Course is organized by CTU in Prague, Faculty of Transportation Sciences in cooperation with EADS and Intelligent Transport Systems and Services.

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Monday venue:

Stefanik Observatory, Strahovská 205, Prague

<http://www.observatory.cz/>

Tuesday venue:

CTU in Prague, FTS, Na Florenci 25

<http://www.fd.cvut.cz/strucne-o-fakulte/adresa/mapa-florenc#map2>

Excursion - Hotel in Munich:

A&O München Hauptbahnhof, Bayerstrasse 75, 80335 München

<http://www.aohostels.com/en/munich/city-hotel-munich/>

DLR Oberpfaffenhoven:

German Aerospace Center, Münchner Straße 20, 82234 Weßling

<http://www.dlr.de/en/desktopdefault.aspx/tabid-3086/>

IABG Ottobrunn:

Lilienthalstrasse 12, 82024 Taufkirchen bei München

http://www.iabg.de/kontakt/route_description_en.php

Astrium Ottobrunn:

Astrium GmbH, Robert-Koch-Str. 1, 82024 Taufkirchen bei München

<http://www.astrium.eads.net/de/locations/ottobrunn.html>

Evening reception by Astrium:

Alterwirt in Putzbrunn, Glonner Strasse 11, 85640 Putzbrunn

<http://www.alterwirtputzbrunn.de/>