

# 1<sup>st</sup> Space Technology Course

## 2<sup>nd</sup> Week Schedule

### 22 November (Monday) in Stefanik Observatory

- 9:00 Opening of the 2<sup>nd</sup> 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 2<sup>nd</sup> week activities

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

1<sup>st</sup> 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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# 1<sup>st</sup> Space Technology Course

**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](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/>