



This pdf circulated in
Volume 3, Number 65,
on 7 July 2011.

Joint Space Weather Summer Camp 2011 Preliminary Program

| | 18.07.11 - NZ | 19.07.11 - NZ | 20.07.11 - NZ | 21.07.11 - KB | 22.07.11 - HRO |
|---------------------|--|--|--|--|---|
| 09:00 - 10:30 | Welcome, Opening Introduction to the Summer Camp VO-/DLR/ Dr. Mett /Dr. Zank, P. Poete | Sun- magnetosphere coupling, radiation belts Prof. Heber | GNSS based probing of the ionosphere Dr. Jakowski SWACI | Welcome Introduction to science at IAP Prof. Lübken | Transfer to Rostock |
| 10:30 - 10:45 | Break | Break | Break | Break | |
| 10:45 - 12:15 | Visit DLR Neustrelitz Maass/Missling Dr. Jakowski | Geomagnetic field, activity, currents Prof. Lühr Ionospheric Response to Space Weather Prof. Schlegel | SWACI – Demo K.D. Missling / H. Barkmann Closing | Aerosols in the middle atmosphere Prof. Rapp | Thermodynamics of plasma ? N.N. |
| 12:15 - 13:45 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:45 - 15:15 | The sun as the prime source of space weather Dr. Bothmer | GICs Dr. Viljanen Thermosphere Prof. Lühr | Transfer to KB | Visit of IAP labs | Visit of University/city |
| 15:15 - 15:30 | Break | Break | Break | Break | |
| 15:30 - 17:00 | New solar missions, SWE projects Dr. Bothmer History of Space Weather Observations and Research Prof. Schlegel | SW Impact on satellites Dr. Metzger | | Middle atmosphere dynamics Prof. Becker | Transfer to JR |

NZ: DLR Neustrelitz

KB: IAP Kühlungsborn

HRO: Universität Rostock

| | 25.07.11 - JR | 26.07.11 - JR | 27.07.11 - JR | 28.07.11 - HGW | 29.07.11 - HGW |
|-------------|---|---|---------------------------------|--|--|
| 09:00-10:30 | Auroral phenomena Review of Radar Techniques Dr. Rietveld | Ionospheric sounding Topside IRI Dr. Bilitza | Transfer to Stralsund | Cosmic rays Prof. Flückiger | Muon telescope Prof. Hippler Visit of MustAng |
| 10:30-10:45 | Break | Break | | Break | Break |
| 10:45-12:15 | MST Radar Dr. Keuer | Solar radio emission LOFAR Prof. Mann | | SWE effects on astronauts, Dosimetry Dr. Reitz Radiation protection in aviation Dr. Meier | Cosmic rays and climate Dr. Scherer |
| 12:15-13:45 | Lunch | Lunch | Lunch | Lunch | Lunch |
| 13:45-15:15 | Vertical Sounding J. Mielich | SWE impact on GNSS J. Rüffer/Axionet Simulation of SWE impact at high latitudes Dr. Danielides | Visit of Stralsund and Ozeaneum | Visit IPP | United Nations Basic Space Science Initiative (UNBSSI, 1991-2012) International Space Weather Initiative (ISWI, 2010-2012) Prof. Haubold |
| 15:15-15:30 | Break | Break | | Visit IPP | |
| 15:30-17:00 | EISCAT Dr. Engler The EISCAT Ionospheric Heating Facility Dr. Rietveld | SIMONE Dr. Danielides | Transfer to Greifswald | Free | Closing first part of summer camp in Germany |

JR: IAP Juliusruh
HGW: EMAU Greifswald