

Workshop on Radiation Monitoring for the International Space Station (WRMISS)

Program

Thursday 7th September

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| 8:45 | Welcome | J. Lemaire, G. Reitz |
| 9:00 | Guest Speech: Historical prediction of the ring current | F. Singer |
| 9:30 | Report on recent and future activities | G. Reitz |
| 10:00 | Assessment of radiation hazard for ISS crewmembers on the basis of the radiation monitoring system | V. Benghin |
| 10:30 | Break | |
| 11:00 | ISS Hardware Certification Process and Challenges | M. Weyland |
| 11:30 | Omni-directional cubic position sensitive Si-detector telescope, RRMD-IV | T. Doke |
| 12:00 | Data on Radiation belt and solar energetic particles deduced from dosimetry in low earth orbits | S. Burmeister |
| 12:30 | Lunch | |
| 14:00 | Invited talk: Charged Particle Detectors used in Space | B. Klecker |
| 15:00 | Break | |
| 15:30 | Crew active dosimeter and its calibration | G. Badhwar |
| 16:00 | The response of Tissue Equivalent Proportional Counters to HZE –Particles | T. Borak |
| 16:30 | On board TL dosimetry :_Possibilities and Limitations | S. Deme |
| 17:00 | Calibration results obtained with Liulin-4 type dosimeters | Ts. Dachev |
| 17:30 | Some questions of the radiation weighting factor determination using silicon telescopes | T. Pazmandi |
| 19:30 | Dinner (Invitation by BIRA and DLR) | |

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| 9:00 | Potential Exposures aboard ISS during the July 14, 2000 SPE | S. Johnson |
| 9:30 | Energy spectra of heavy cosmic rays of some hundred MeV inside the ISS | W. Heinrich |
| 10:00 | MS REM: A data Base and Web Site for Manned Spaceflight Radiation Environment Measurements | M. Golightly |
| 10:30 | Break | |
| 11:00 | Discussion and Future Activities | All |
| 12:30 | Lunch | |
| 14:00 | Workshop Summary and Recommendations | All |
| 16:30 | Adjourn | |

Note: A SPENVIS Demo will be performed by Bart Quaghebeur, BIRA on Thursday and/or Friday upon request