

6th Workshop on Radiation Monitoring for the International Space Station

Jesus College, Oxford, England, September 12-14,
2001.

Workshop Protocol/Recommendations

A commemorative minute's silence was observed in memory of our esteemed colleagues Gautam Badhwar and Victor Dudkin, who both past away last month. Eric Benton explained that the upcoming MIR Special Issue of Radiation Measurements will be dedicated to both of them.

All presentations shown in the preliminary program were given. Since basically no change to the preliminary program were made, the preliminary program is considered as a final one.

The content of the single presentations are available from either the abstract already posted on the web page or later on from the copy of the whole presentation.

Except one presentation on Shuttle neutron measurements, all other presentations on new results were from measurements on the ISS. At this time most data are considered as preliminary. Detailed analysis taken into account altitude/attitude variations, shielding distributions and the solar status is in progress which will at the end allow to describe the influence of the new spacecraft design on doses received by the astronauts.

The first run at HIMAC in the frame of the ICHIBAN project for the intercalibration of the active instruments is planned from February 10 – 13, 2002; the second run for passive detectors around June 15 and a third was suggested for end 2002. More information is available on the web page of the workshop. All parties present agreed to participate.

Next run at CERN is scheduled first week of October. There are two runs planned for next year. After final dates will be available, they are posted in the web page.

The run planned at Loma Linda with protons will be shifted to next year, date is still open.

The group asked SRAG to give a presentation on Radiation Monitoring aspects. Mike Golightly already agreed. This shall be followed by a discussion which needs to focus on the question, which input is needed from operations from the scientific community.

Daniel Heynderickx asked for a set of requirements for models.

A group was established to build up a data base containing inflight measurements, calibration results and instrument characteristics. The members of the Group are Eric Benton, Bart Quaghebeur, Mike Golightly, Tatsumi Koi, Günther Reitz and Mark Weyland. It was agreed that a draft description of the content of the data base will be distributed end this year.

The group recognised that their recommendations are implemented in the NCRP final draft SC 46-15.

Walter Schimmerling offered to provide one copy of NCRP Report 132 and the coming Report from SC 46-15 to each participant of the meeting.

Eric Benton announced that the deadline is extended to end November for contributions to the upcoming MIR Special Issue of Radiation Measurements.

The next meeting is planned to be in Paris in week 36 , 2002. Jean-Francois Bottollier-Depois kindly offered to act as local organizer.

Based on a request of our US colleagues, the group decided to have the meeting in 2003 the first time outside Europe in the United States in Berkeley. Eric Benton kindly offered to act as local organizer.

Each presenter shall send his presentation material as PDF file to Daniel Heynderickx. Daniel will put it on our web side.