

# The 2005 Meeting of the ICRU

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The Annual Meeting of the ICRU was held in Bad Honnef, Germany from 23 October until 29 October, 2005. The meeting was held at the Physikzentrum. Dr. Herwig Paretzke, with assistance from Dr. Werner Friedland provided outstanding local arrangements support.

The Commission reviewed three draft documents:

- Bone Densitometry (Willi Kalender, Chair)
- Elastic Scattering of Electrons and Positrons (Francesc Salvat, Chair)
- ROC Analysis (Harold Kundel, Chair)

As part of its review of the current status of efforts presently underway, the Commission noted the status of the many active or recently completed projects.

## Recently Published

- ICRU Report 72, Dosimetry of Beta Rays and Low-Energy Photons for Brachytherapy with Sealed Sources (Hannu Järvinen, Chair)
- ICRU Report 73, Stopping of Ions Heavier than Helium (Peter Sigmund, Chair)

## Preparing for the Printer

- Patient Dosimetry for X Rays Used in Medical Imaging (Hans Zoetelief, Chair)
- Sampling of Radionuclides in the Environment (F. Ward Whicker, Chair)
- Measurement Quality Assurance for Ionizing Radiation Dosimetry (Joseph McDonald, Chair)

## Drafting Work Underway

- Approaches to the Dosimetry of Low-Dose Exposures to Ionizing Radiation
- Assessment of Image Quality in Nuclear Medicine
- Dose and Volume Specifications for Reporting Intracavitary Therapy in Gynecology
- Doses from Cosmic Ray Exposure for Aircrew (joint w/ICRP)
- Dosimetry Systems for Radiation Processing
- Elastic Scattering of Electrons and Positrons
- Image Quality and Patient Exposure in CT
- Mammography-Assessment of Image Quality
- Prescribing, Recording and Reporting Conformal Photon Beam Therapy (IMRT)
- Prescribing, Recording and Reporting Proton Beam Therapy (joint w/IAEA)

Discussions on potential work for the future included the following topics:

- Harmonization in Reporting Dose in Radiological Imaging
- Key Data for Dosimetry
- Weighted Absorbed Doses in Diagnostic Procedures
- RBE and Dose Reporting in Proton and Heavier Ion Radiotherapy

#### Next Meeting

The next meeting of the Commission will be hosted by Dr. Reinhard Gahbauer at Ohio State University in Columbus, Ohio. The date of the meeting was set at 9-16 November 2006.