

Radiation and Medical Physics Division Fachverband Strahlen- und Medizinphysik (ST)

Herwig G. Paretzke
Helmholtz Zentrum München
Institut für Strahlenschutz
85758 Neuherberg
and
Technische Universität München
Physik Department
85748 Garching
Paretzke@helmholtz-muenchen.de

This year the meeting of the interdisciplinarily oriented physicists doing physical research in the fields of radiation and/or medical physics puts emphasis on the use of ionizing and non-ionizing radiation in medical/technical imaging (e.g. medical diagnostics) and in medical therapy. Only a few contributions to the many other still interesting areas of this wide field have been submitted. This is in spite of the significant attempts of German Governmental funding agencies and of the EURATOM programmes to maintain competence in the field of radiation protection science; apparently their effect was not successful in the physical regimes. The meeting will end with the highlight plenary talk of Franz Pfeiffer on his exciting results regarding coherent x-ray imaging and its biomedical applications.

Overview of Invited Talks and Sessions

(lecture rooms POT 361; Poster P2)

Plenary Talk related to ST

PV XXIV Fri 9:15–10:00 HSZ 02 **Coherent x-ray imaging for biomedical applications** — •FRANZ PFEIFFER

Sessions

ST 1.1–1.9	Mon	14:00–16:45	POT 112	Radiation Therapy I Fast Ions: Production, Physical Dosimetry, Biological Effects, Medical Effects
ST 2.1–2.8	Mon	17:00–18:00	P2	Radiation and Medical Physics Posters
ST 3.1–3.4	Tue	10:00–11:00	POT 112	Radiation Therapy II: Electrons, Lasers, Radionuclides
ST 4.1–4.5	Tue	11:30–12:45	POT 112	Imaging with Non-Ionizing Radiation
ST 5.1–5.7	Thu	10:00–11:45	POT 112	Imaging with Ionizing Radiation I
ST 6.1–6.6	Thu	14:00–15:30	POT 112	Imaging with Ionizing Radiation II
ST 7.1–7.3	Thu	16:00–16:45	POT 112	Radiation Physics Measurements

Annual General Meeting of the Radiation and Medical Physics Division

Monday 18:00–19:00 POT 361

Proposed Agenda:

- Report of the Chairman
- Election of Acting Chairman and other acting Council Members
- Discussion on the Future of GAST and Membership in IARR
- Next Meetings
- Other subjects