



12th AAMP Meeting & EFOMP SCHOOL

Trieste, Italy - May 21 - 24, 2025

ICTP (The Abdus Salam International Centre for Theoretical Physics)



Photo by Riccardo Pagnanelli

EFOMP SCHOOL: New Technologies in Radiotherapy

May 21, Afternoon

Joao Seco – Introduction to new technologies in Medical Physics: FLASH, SFRT and radionuclide therapy.

Lidia-Strigari – Molecular therapy (alpha and beta radionuclide therapy)

Joao Seco – SBRT for FLASH

May 22, morning

Eeva Boman – SBRT techniques and applications to clinical cases

Marco Esposito – In vivo dosimetry for SBRT

Francesco Romano – FLASH dosimetry

12th AAMP Meeting: Invited Speakers

Andre Dekker – Honorary talk on AI in medical physics

Bozidar Casar – Challenges and developments in small field dosimetry

Milana Vezirovic – EURADOS survey on IGRT practices in European radiotherapy clinics

Piotr Andrzejewski – Workflows and Patient information systems in a particle therapy center

Renata Longo – Breast dosimetry for standard and contrast enhanced mammography and breast tomosynthesis

Paolo Cardarelli – Spectral imaging and photon counting

Lidia Strigari – Advancing Molecular Imaging with long axial field of view (LAFOV) PET/CT

Knežević Medija, Željka – Towards Safe, Optimized and Personalized Radiology and Radiotherapy procedures for pregnant patients (Sonora project)

Csilla Pesznyak – Radiation protection (title to be defined)

Tomislav Stankovski – Oscillatory Interactions and Coupling Functions in Medicine

**A special issue of Physica Medica will be published
featuring highlight papers from the conference**

Registration fee

Early: Until March 15th, 2025

Student/Resident	Member*	Non-Member
70 €	150 €	200 €

Late: May 15th, 2025

Student/Resident	Member*	Non-Member
100 €	200 €	250 €

* *AIFM, AMPBE, CROMPA, HSMP, ÖGMP, SAMP, SBS, UMFUBIH*

Only on-line registration will be accepted, until May 15th, 2025

Dead Line for Abstract Submission: February 15th, 2025

<https://indico.ictp.it/event/10836>

The registration and the upload of abstracts are open

International Scientific Committee

Austria: Peter Kuess, Uwe Wolff, Brigitte Zurl

Croatia: Dea Dundara Debeljuh, Slaven Jurković, Ivana Kralik

Italy: Paola Bregant, Luca Brombal, Marco Esposito

Hungary: Tibor Major, Csilla Pesznyak, Tamas Pocza

North Macedonia: Dushko Lukarski, Tomislav Stankovski

Serbia: Borislava Petrovic, Jelena Samac, Milana Vezirovic

Slovenia: Bozidar Casar, Manca Podvratnik, Petra Tomše

Local Organizing Committee

Paola Bregant ASUGI – University Hospital

Luca Brombal University of Trieste – Dept of Physics

Marco Esposito ICTP

Renata Longo University of Trieste – Dept of Physics

Renato Padovani ICTP

Mara Severgnini ASUGI – University Hospital