



Dr. Panagiota Foka (GSI, Germany): Contributions on medical applications as member of the relevant NIMMS/CERN group and related EU funded projects including: studies on radioisotope production with novel accelerator designs, optimization for future ion research and therapy facility, coordination of the establishment of a new ion-source laboratory and training of appropriate personnel, development and coordination of the Particle Therapy MasterClass package for education and outreach purposed, organization of international masterclasses, presentations and demonstrations at international conferences organization of targeted schools and trainings, specialized workshops, coordination of capacity building and summer students programmes, supervision of students on related topics. Delegated at CERN by the home institute (GSI) and establishing collaboration with AUTH Nuclear Physics Laboratory, I established a group of complementary competences focusing on medical applications of accelerators, where the involved institutes have programmes related to fields of the conference. The CERN NIMMS (Next Ion Medical Machine Study) group focuses on the design of components for a new ion research and therapy facility planned for SEEIST (South East Europe International Institute for Sustainable Technologies), including the optimisation of a compact linear accelerator injector that can also be used for radioisotope production for diagnostics and treatment purposes. Being member of the SEEIST board and the steering committee of International MasterClasses facilitates capacity building activities in coordination with the CERN summer student programme and CERN foundation for society.