

Workshop - IAEA supported national TPS audit



Scientific Program

9:15 - 9:30 : : : Registration

9:30 - 9:45 : : : National status of Radiotherapy (Dr. Manuel António Silva, CNDO)

9:45 - 10:30 : : : [Accuracy requirements in Radiotherapy](#) (Ben Mijnheer, IAEA)

10:30 - 11:00 : : : [Local experience in assessing TPS dose calculations](#) (Maria do Carmo Lopes, IPOCFG, E.P.E.)

11:00 - 11:30 : : : Coffee break

11:30 - 12:15 : : : [QA of a TPS](#) (Ben Mijnheer, IAEA)

12:15 - 12:35 : : : [Implementation of the IAEA methodology](#) (Maria Esmeralda Poli, H. Sta. Maria, Lisboa)

12:35 - 14:00 : : : Lunch break

14:00 - 14:30 : : : [Experience of the National Laboratory of Metrology of Ionizing Radiations \(LMRI\): The TRS N° 398: experimental conditions at LMRI. Traceability and intercomparison results.](#) (Carlos Oliveira, ITN, Sacavém)

14:30 - 15:30 : : : Presentation of three commercial TPS ([Monaco](#), [Oncentra MasterPlan](#) and [Eclipse](#))

15:30 - 16:00 : : : Coffee break and practical demonstration of CIRS phantom

16:00 - 16:30 : : : [IAEA audit methodology for TPS and TECDOC 1583](#) (Eduard Gershkevitch, IAEA)

16:30 - 17:00 : : : [Results and examples from IAEA pilot study for different clinical test cases](#) (Eduard Gershkevitch, IAEA)

17:00 - 17:30 : : : [Verification of IMRT](#) (Ben Mijnheer, IAEA)

17:30 - 18:00 : : : **Wrap-up: Questions, discussion and conclusion** (Eduard Gershkevitch, IAEA; Maria do Carmo Lopes, IPOCFG, E.P.E.)

Organization:



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