

Annual Meeting of the Swiss Physical Society 2024

Wednesday 11 September 2024

Applied Physics: I: Physics Applied to Medicine - ETF C 1 (17:00 - 20:00)

time	[id] title	presenter
17:00	[292] □201□Advanced X-ray imaging: from the nanoscale at synchrotrons to clinical applications in hospitals	STAMPANONI, Marco
17:30	[115] □202□Isotopes for diagnostics and therapy of cancer	SCHIBLI, Roger
18:00	[293] □203□Proton therapy developments at PSI	LOMAX, Antony
18:30	[216] □204□FLASH therapy	Dr MEER, David
19:00	[179] □206□In-vivo range verification of proton therapy treatment with the PETITION PET scanner	MCNAMARA, Keegan
19:15	[217] □207□PETITION PET scanner for biological adaptation of the proton treatment plan	MAKKAR, Shubhangi
19:30	[76] □208□POSiCS a handable gamma-camera for radio-guided surgery	ALISPACH, Cyril
19:45	[74] □209□Advantages and drawbacks of a back-scattering Mueller polarimetric setup comparing with surface imaging one	STEFANOV, Vladislav

Thursday 12 September 2024

Applied Physics: II: Applied Physics & Plasma Physics (combined session) - ETZ E 7 (17:00 - 19:00)

time	[id] title	presenter
17:00	[6] □211□Analysis of natural disruptions on JET with JOREK	EDES, Lili
17:15	[8] □212□MHD simulations of runaway electron avalanche in ITER mitigated disruptions	WANG, Chizhou
17:30	[294] □213□Kinetic simulations of the magnetized plasma-wall boundary layer in fusion devices	VADOT, Nicole
17:45	[32] □214□Turbulence-inclusive Modelling of Electron-Cyclotron Wave-Plasma Dynamics in Tokamaks	DEVLAMINCK, Ewout
18:00	[90] □215□Sub-micrometric hollow channels in bulk fused silica	BARBATO, Pasquale
18:15	[183] □216□Detection of land mines and unexploded ordnance	ACREMANN, Yves Marc