

Annual Meeting of the Swiss Physical Society 2022

Monday 27 June 2022

Plenary Session: I - Room JD 002 (13:00 - 14:30)

time	[id] title	presenter
13:00	[211] □1□Frontiers in Nanophotonics: Enabling Technology for Optical Biosensing and Bioimaging	Prof. ALTUG, Hatice
13:45	[3] □2□The Cherenkov Telescope Array Observatory	Prof. MONTARULI, Teresa

Tuesday 28 June 2022

Plenary Session: II - Room JD 002 (09:00 - 10:30)

time	[id] title	presenter
09:00	[213] □4□The physics of knots: from shoelaces to surgical sutures	Prof. REIS, Pedro M.
09:45	[214] □5□Towards predicting plasma confinement in fusion devices	Prof. JENKO, Frank

Plenary Session - JD 002 (11:45 - 12:45)

time	[id] title	presenter
11:45	[215] □6□Light-mediated strong coupling between a mechanical oscillator and atomic spins 1 meter apart	Dr KARG, Thomas
12:15	[216] □7□Quantum Criticality and Dimensionality in Quasi-2D Spin-Dimer Systems	Dr ALLENSPACH, Stephan

Wednesday 29 June 2022

Plenary Session: III - Room JD 002 (09:00 - 10:30)

time	[id] title	presenter
09:00	[217] □8□Physics & Education – Perspectives from Condensed Matter and Biophysics	Prof. AEGERTER, Christof
09:45	[218] □9□Large Research Infrastructures in Switzerland; History, Results and Opportunities	Prof. OTT, Hans Rudolf

Plenary Session - Room JD 002 (11:00 - 12:45)

time	[id] title	presenter
11:00	[162] □10□Are Language Models better than Physics based models for Chemical and Materials Industries ?	LAINO, Teodoro
11:45	[219] □11□Solving quantum chemistry problems with first generation digital quantum computers	Dr OLLITRAULT, Pauline
12:15	[220] □12□Looking into the heart of darkness - two-phase xenon time projection chambers for direct dark matter detection	Prof. BAUDIS, Laura

Thursday 30 June 2022

Plenary Session: IV - Room JD 002 (09:00 - 10:30)

time	[id] title	presenter
09:00	[221] □13□Monitoring and tracking carbon dioxide emissions from satellites	Dr BRUNNER, Dominik
09:45	[222] □14□Optical spectroscopy of strongly correlated electrons in two-dimensional materials	Prof. IMAMOGLU, Ataç