Joint annual meeting of Swiss and Austrian Physical Societies 2017

Thursday, 24 August 2017

Applied Physics & Earth, Atmosphere and Environmental Physics (Combined Session), Plasma Physics: Combined Session - Room 6 (10:45 - 13:00)

time	[id] title	presenter
10:45	[242] □201□ Kerr lens mode-locked femtosecond thin-disk lasers: towards powerful sub-50 fs oscillators	MODSCHING, Norbert
11:00	[300] □202□ Mid-infrared Quantum Cascade Lasers for spectroscopic applications	HINKOV, Borislav
11:15	[282] □203□ COSAMI - A Compact Storage Ring for Actinic Mask Inspection	Dr GARVEY, Terence
11:30	[357] □204□ Size selection of helium nanodroplets for tailoring synthesis of nanostructures	Ms RASTOGI, Monisha
11:45	[376] □205□ Nanoindentation in ZrO2 ceramics – pitfalls and consequences	WERBACH, Katharina
12:00	[348] □206□ Advantages and challenges of SC magnets in gantries	GERBERSHAGEN, Alexander
12:15	[149] □207□ Experimental and numerical methods for the fluid dynamic and acoustic characterization of heat exchanger icing	Dr REICHL, Christoph
12:30	[401] □208□ Positioning Systems Based on Geomagnetic Distortions in Indoors Environments	Mr FODOR, Patrick
12:45	[289] □209□ Towards the nesting of a glacier mass balance algorithm in a regional climate model	Ms PERROUD, Marjorie

Applied Physics & Earth, Atmosphere and Environmental Physics (Combined Session), Plasma Physics: Plasma Physics - Room 6 (14:00 - 16:00)

time	[id] title	presenter
14:00	[219] □211□ Divertor detachment in alternative magnetic geometries in the TCV fusion experiment	THEILER, Christian
14:30	[210] □212□ Design of a fast-moving Langmuir probe array to probe the TCV edge plasma	DE OLIVEIRA, Hugo
14:45	[332] □213□ Enhanced plasma shape and vertical stability control in TCV	Mr PESAMOSCA, Federico
15:00	[165] □214□ Characterization of Jacobian Free Newton Krylov algorithm to solve the free boundary equilibrium problem	Mr CARPANESE, Francesco
15:15	[115] □215□ The RAID experiment for the investigation of negative ion physics for fusion application	Mr AGNELLO, Riccardo
15:30	[288] □216□ Experimental validation of numerical plasma simulations for niobium coating by DC-magnetron and bias diode sputtering	RICHARD, Thibaut
15:45	[132] □217□ Indirect Measurement of the Self-Modulation Instability in the AWAKE experiment at CERN	TURNER, Marlene