

2016 CAP Congress / Congrès de l'ACP 2016

Tuesday, 14 June 2016

DCMMP Poster Session with beer / Session d'affiches, avec bière DPMCM - SITE Atrium (19:00 - 22:00)

-Conveners: Giovanni Fanchini

time	[id] title	presenter
19:00	[1271] Structure and Dynamics with Ultrafast Electron Microscopes: Watching nano-microstructural evolution during complex crystallization in a-Ge	STERN, Mark
19:02	[1258] Photoinduced phase transition in vanadium dioxide: visualizing the time-dependent crystal potential using ultrafast electron diffraction data	RENÉ DE COTRET, Laurent
19:04	[1338] A Phononic Crystal Waveguide for Surface Acoustic Waves	Mr MUZAR, Edward
19:06	[1377] Phonon Dynamics of Lead Scandium Tantalate	Mr SPENCER, Stephen
19:08	[1441] Monte Carlo studies of the pseudogap regime in the cuprate superconductors	HAYWARD SIERENS, Lauren
19:12	[1413] Intrinsic instability of metal-trihalide perovskite solar cell	Mr ZHENG, Chao
19:14	[1409] Electron Localization in Group III-V Semiconductor Compound Alloys	PASHARTIS, Christopher
19:16	[1216] Real-space renormalization group approach to the Anderson model	CAMPBELL, Eamonn
19:18	[1064] Is SmB ₆ the topological insulator or not ?	Mrs ELFIED, Khawla
19:20	[1243] Indirect internuclear coupling in topological insulator Bi ₂ Se ₃	GAUVIN-NDIAYE, Chloé
19:22	[1412] Can gravity stabilize a topological quantum memory at finite temperature?	GOBEIL, Thomas
19:24	[1448] Quantum Model for Machine Learning Applications	KULCHYTSKY, Bohdan
19:26	[1043] Hydrogen storage properties of TiFe + x%ZrMn ₂ (x = 2, 4, 8, 12) alloys	LV, PENG
19:30	[1014] Investigation of effect of ball milling on hydrogen storage properties of 52Ti-12V-36Cr.	Mr KAMBLE, Amol
19:32	[1044] Hydrogen storage properties of TiFe + Zr alloys	Mr PATEL, Abhishek Kumar
19:34	[1035] Investigation of Entropy-Enthalpy Compensation Effect on the Ti-V-Cr system	Ms DIXIT, Viney
19:36	[1416] **WITHDRAWN** Study of Mesoporous Silica Hybrid Nanoparticles and their Biocompatibility	Dr AHLUWALIA, Gurinder Kaur Dr BAKSHI, Mandeep Singh
19:38	[1186] A Computational Analysis of the Application of Skewness and Kurtosis to Corrugated and Abraded Surfaces	Mr DOWNEY, Tyler
19:40	[1465] Investigating the Binding Capabilities of Triazole-Calix[4]arene Functionalized Microcantilever Sensors Towards Heavy Metals in Aqueous Solution	Ms BRAIM, Mona
19:42	[1390] Surface vacancy mediated pinning of the magnetisation in γ -Fe ₂ O ₃ nanoparticles: A micromagnetic simulation study	Mr ALKADOOR, Bassel
19:44	[1198] Electron spin resonance spectra of strontium aluminate at high microwave fields and strong illumination	LI, ye
19:46	[1447] Colossal Permittivity in In + Nb co-doped TiO ₂	YEE, Susan
19:48	[1036] Spin Correlation Functions on Pyrochlore Lattice	WEI, chen

19:50	[999] New room-temperature multiferroic thin films of Ba ₂ LnFeNb ₄ O ₁₅ (Ln = Eu and Sm) deposited by pulsed laser deposition	Mr HAJLAOUI, Thameur
19:52	[1463] Four state ferroelectric memory devices at room temperature	Mr CHAKRABARTTY, Joyprokash
19:54	[1388] ** WITHDRAWN** Photocarrier Dynamics in Si and SiGe Nanowires Studied Using Optical-Pump Terahertz-Probe Measurements	MORRIS, Denis
19:56	[1397] Dynamical polarizability of the pseudospin-1 dice lattice	MALCOLM, John
19:58	[1449] Floquet many-body localization transition in the thermodynamic limit	Mr PONTE, Pedro
20:00	[1476] Raman and Infrared Study of Phonons in a Pyrochlore Superconductor	REEDYK, Maureen
20:02	[1495] InGaN/GaN Nanostructures for High Efficiency Solar Cells	CHERITON, Ross