

SPIN 2018

Monday, 10 September 2018

Fundamental Symmetries and Spin Physics Beyond the Standard Model - A1 (14:30 - 16:10)

-Conveners: Andreas Wirzba; Dipangkar Dutta

time	[id] title	presenter
14:30	[114] Precision measurements using parity violation electron scattering	GAL, Ciprian
15:10	[9] Searching for exotic spin-dependent interactions with single electron spin quantum sensors	Dr RONG, Xing
15:50	[159] Status of the P2 Experiment: A Measurement of the Weak Mixing Angle at Low Energy	BAUNACK, Sebastian

Fundamental Symmetries and Spin Physics Beyond the Standard Model - A1 (16:40 - 18:40)

-Conveners: Andreas Wirzba; Dipangkar Dutta

time	[id] title	presenter
16:40	[43] Experiments to measure the electric dipole moment of the neutron	Prof. KIRCH, Klaus
17:20	[180] Spin Probes of Physics Beyond the Standard Model	Prof. GARDNER, Susan
18:00	[56] Commissioning of the Ultracold Neutron Facility at TRIUMF – a first step towards a neutron electric dipole moment search	Dr FRANKE, Beatrice

Tuesday, 11 September 2018

Fundamental Symmetries and Spin Physics Beyond the Standard Model - A1 (14:30 - 16:10)

-Conveners: Andreas Wirzba; Dipangkar Dutta

time	[id] title	presenter
14:30	[146] Searches for Atomic Electric Dipole Moments	Dr DIETRICH, Matthew
15:10	[69] Symmetry tests and BSM searches using hyperpolarized gases	Prof. HEIL, Werner
15:50	[66] Search for a permanent electric dipole moment of ^{129}Xe	Dr ZIMMER, Stefan

Fundamental Symmetries and Spin Physics Beyond the Standard Model - A1 (16:40 - 18:40)

-Conveners: Andreas Wirzba; Dipangkar Dutta

time	[id] title	presenter
16:40	[20] Searches for dark matter and new particles with electric-dipole-moment and spin-precession measurements	Dr STADNIK, Yevgeny
17:20	[148] Spin dynamics in storage rings in application to searches for EDM	Prof. NIKOLAEV, Nikolai
18:00	[81] Commissioning of the RF Wien filter for a first deuteron EDM measurement at COSY / Jülich	Dr RATHMANN, Frank
18:20	[104] Multipurpose silicon detector for (polarized) internal target experiments at the COSY Storage Ring in Jülich.	Mr KONONOV, Anton

Wednesday, 12 September 2018

Fundamental Symmetries and Spin Physics Beyond the Standard Model - A1 (14:30 - 16:10)

-Conveners: Andreas Wirzba; Dipangkar Dutta

time	[id] title	presenter
15:10	[142] Neutron Electric Dipole Moment Searches	Prof. FIERLINGER, Peter
15:50	[94] Electromagnetic Dipole Moments of Heavy Baryons with Bent Crystals at the LHC	RUIZ VIDAL, Joan

Fundamental Symmetries and Spin Physics Beyond the Standard Model - A1 (16:40 - 18:20)

-Conveners: Andreas Wirzba; Dipangkar Dutta

time	[id] title	presenter
16:40	[34] Enhancements and suppressions of CP violating effect in the nucleons, nuclei, and atoms: role of the spin	Dr YAMANAKA, Nodoka
17:20	[152] Present and future prospects for lattice QCD calculations of matrix elements for nEDM	Dr GUPTA, Rajan
18:00	End of Session	