

8th International Symposium on Symmetries in Subatomic Physics (SSP2022)

Monday, 29 August 2022

Symmetries: Lepton flavour (10:00 - 11:00)

-Conveners: Claude Amsler

time	[id] title	presenter
10:00	[48] Lepton flavour universality at Belle and Belle II	Dr CHOUDHURY, Seema
10:30	[39] Tests of lepton flavour universality with (semi-)leptonic decays of charmed mesons	GERSABECK , Evelina GERSABECK, Evelina Mihova

Symmetries: Lepton flavour (11:30 - 12:25)

-Conveners: Claude Amsler

time	[id] title	presenter
11:30	[59] Lepton flavour violation and symmetry searches at PSI	PAPA, Angela
12:00	[12] The Mu2e experiment at Fermilab	OKSUZIAN, Yuri

Symmetries: eDM (14:50 - 15:20)

time	[id] title	presenter
14:50	[26] Progress towards the TRIUMF ultracold neutron facility and neutron electric dipole moment experiment	Dr PICKER, Rüdiger

Symmetries: eDM (16:00 - 17:00)

-Conveners: Ben Sauer

time	[id] title	presenter
16:00	[28] JEDI and beyond – the quest for EDMs of charged particles	Dr WROŃSKA, Aleksandra
16:30	[64] Perspectives of EDM searches in Atoms and Molecules	WILLMANN, Lorenz

Tuesday, 30 August 2022**Symmetries: Hadronic reactions (09:00 - 10:30)****-Conveners: Claude Amsler**

time	[id] title	presenter
09:00	[25] Discrete symmetry tests using hyperon-antihyperon pairs at BESIII	KUPSC, Andrzej
09:30	[34] Symmetries in charm mesons and baryons from Belle/Belle II	Dr LI, Longke
10:00	[46] Recent results on T, CP and CPT tests with KLOE-2	CURCIARELLO, Francesca

Symmetries: Molecules (11:00 - 11:50)**-Conveners: Lorenz Willmann**

time	[id] title	presenter
11:00	[11] A laser cooled beam of YbF for measuring the electron electric dipole moment	SAUER, Ben
11:25	[10] Searches for CP-violating effects with YbF molecules	HO, Christopher

Symmetries: Leptonic reactions (15:00 - 15:50)**-Conveners: Eberhard Widmann**

time	[id] title	presenter
15:00	[2] Testing CP and CPT symmetries in ortho-positronium decays with J-PET detector	GAJOS, Aleksander
15:25	[37] The MOLLER and P2 Experiments; High precision tests of the running of the Weak mixing angle	GERICKE, Michael

Wednesday, 31 August 2022**Symmetries: Parity tests (09:00 - 10:30)****-Conveners: Hartmut Abele**

time	[id] title	presenter
09:00	[50] Low-energy experiments in search for new physics	ANTYPAS, Dionysis
09:30	[78] Parity violation with neutrons	SHIMIZU, Hirohiko
10:00	[22] Fundamental Physics with Slow Neutrons	KAWASAKI, Shinsuke

Symmetries: Neutrinos (11:00 - 12:00)**-Conveners: Livia Ludhova**

time	[id] title	presenter
11:00	[47] The quest for leptonic CP violation	Prof. SANCHEZ, Federico
11:30	[111] CPT invariance and neutrinos	BARENBOIM, Gabriela

Symmetries: Neutrons (15:00 - 15:30)**-Conveners: Hirohiko Shimizu**

time	[id] title	presenter
15:00	[84] Measurement of the free neutron decay: status and prospects	LIU, Chen-Yu

Symmetries: Magnetic moments (15:30 - 16:00)**-Conveners: Hirohiko Shimizu**

time	[id] title	presenter
15:30	[110] The g-2 experiment at FNAL	KAWALL, David

Thursday, 1 September 2022

Symmetries: Matter-antimatter symmetry (09:00 - 10:30)

-Conveners: Paolo Crivelli

time	[id] title	presenter
09:00	[92] The ALPHA Experiment	EVANS, Andrew
09:30	[54] The Base Experiment	ERLEWEIN, Stefan
10:00	[91] The ASACUSA Experiment	Dr MURTAGH, Daniel James

Symmetries: BSM (14:30 - 15:00)

-Conveners: Ralf Lehnert

time	[id] title	presenter
14:30	[116] Fermion number violation with heavy neutrinos	BLONDEL, Alain

Symmetries: BSM (15:30 - 17:00)

-Conveners: Eberhard Widmann

time	[id] title	presenter
15:30	[121] Standard-Model Extension	LEHNERT, Ralf
16:00	[51] Tests of physics beyond the Standard Model with the g factor of few-electron ions	Dr HARMAN, Zoltan
16:30	[7] Novel mechanisms of electric dipole moments in atoms and molecules	Dr STADNIK, Yevgeny