



# The 24th International Spin Symposium

## Monday, 18 October 2021

**Fundamental Symmetries and and Spin Physics Beyond the Standard Model: Chair: Shinsuke Kawasaki - Room 403**

**(20:30 - 22:00)**

-Conveners: Hiroki Nagahama; Shinsuke Kawasaki; Tsutomu Mibe; Hanjie Liu

time	[id] title	presenter
20:30	[39] Test of discrete symmetries with spin observables at J-PET	DULSKI, Kamil
21:00	[2] About toroidal model of leptons in space-time film theory	CHERNITSKII, Alexander
21:20	[6] The use of beam polarization in the search for dark matter at the ILC	ZARNECKI, Aleksander Filip

# Tuesday, 19 October 2021

## Fundamental Symmetries and Spin Physics Beyond the Standard Model: Chair: Shinsuke Kawasaki - Room 403

(20:30 - 22:00)

-Conveners: Hiroki Nagahama; Hanjie Liu; Shinsuke Kawasaki; Tsutomu Mibe

time	[id] title	presenter
20:30	[79] The search for electric dipole moments of charged particles using storage rings	SHMAKOVA, Vera
21:00	[41] muEDM: Towards a search for the muon electric dipole moment at PSI using the frozen-spin technique	SAKURAI, Mikio
21:20	[89] Towards a surrogate computational tool to quantify the systematic uncertainties in EDM experiments in storage rings	SLIM, Jamal

# Wednesday, 20 October 2021

## **Fundamental Symmetries and and Spin Physics Beyond the Standard Model: Chair: Hanjie Liu - Room 403 (11:15 - 12:45)**

-Conveners: Shinsuke Kawasaki; Hanjie Liu; Tsutomu Mibe; Hiroki Nagahama

time	[id] title	presenter
11:15	[138] Search for permanent EDM using Fr atoms	SATO, Motoki
11:45	[127] Muon g-2/EDM Experiment at J-PARC	TAKEUCHI, Yusuke
12:05	[40] Novel mechanisms for the generation of EDMs in paramagnetic atoms and molecules via hadronic sources of CP violation	STADNIK, Yevgeny
12:25	[122] Weinberg operator contribution to the hadronic CP violation	Dr YAMANAKA, Nodoka

# Thursday, 21 October 2021

## **Fundamental Symmetries and and Spin Physics Beyond the Standard Model: Chair: Hanjie Liu - Room 403 (07:00 - 08:30)**

-Conveners: Shinsuke Kawasaki; Tsutomu Mibe; Hanjie Liu; Hiroki Nagahama

time	[id] title	presenter
07:00	[160] The MOLLER experiment	GHOSH, Chandan
07:30	[167] CP-violating gluon operators and neutron EDM from the QCD instanton vacuum	WEISS, Christian
07:50	[74] Nucleon EDM from polarized DIS	Dr HATTA, Yoshitaka
08:10	[50] EDM in Small Rings	Dr SULEIMAN, R.