

Exploring BSM physics with muons

Monday, September 30, 2024

session: muon g-2/EDM (1:30 PM - 3:00 PM)

-Conveners: Peter Stoffer

time	[id] title	presenter
1:30PM	[1] Theory of magnetic/electric dipole moments of the muon	HOFERICHTER, Martin
2:00PM	[2] Status of the Muon g-2 Experiment at Fermilab	ZHANG, Ce
2:30PM	[3] g-2/EDM@J-PARC	OGAWA, Shinji

session: muon EDM/muonium (3:30 PM - 4:30 PM)

-Conveners: Philipp Schmidt-Wellenburg

time	[id] title	presenter
3:30PM	[4] muEDM (FNAL/PSI)	VASILKOVA, Dominika
4:00PM	[5] muonium / muonic atoms	SOTER, Anna

session: muon collider (4:45 PM - 5:45 PM)

-Conveners: Ryuichiro KITANO

time	[id] title	presenter
4:45PM	[6] Physics at muon colliders	BUTTAZZO, Dario
5:15PM	[7] The Muon Collider Facility	ROGERS, Chris

Tuesday, October 1, 2024

session: BSM Theory (9:30 AM - 10:30 AM)

-Conveners: Joe Sato

time	[id] title	presenter
9:30AM	[12] BSM theory	GRELJO, Admir
10:00AM	[13] flavor physics theory	OKAWA, Shohei

session: Lepton flavor violation (11:00 AM - 12:30 PM)

-Conveners: Wataru OOTANI

time	[id] title	presenter
11:00AM	[10] MEG-II and Beyond	GERRITZEN, Lukas
11:30AM	[11] Mu3e	RUDZKI, Thomas
12:00PM	[9] The COMET Experiment	OISHI, Kou

session: future technology and experiments (2:00 PM - 3:30 PM)

-Conveners: Tsutomu Mibe

time	[id] title	presenter
2:00PM	[14] muon cooling@JPARC	KIMURA, Masato
2:30PM	[15] muTRISTAN	MATSUDO, Ryutaro
3:00PM	[16] T Violation measurement with nuTRISTAN	SATO, Joe

session: Short talks and discussions (4:00 PM - 5:00 PM)

-Conveners: Satoshi MIHARA

time	[id] title	presenter
4:00PM	[17] mu to e conversion in nuclei and nuclear charge distributions	NOËL, Frederic
4:20PM	[18] discussion on future muon programs	CRIVELLIN, Andreas PAPA, Angela