

PANIC2021 Conference

Monday, 6 September 2021

Plenary session: Standard model physics at the TeV scale (13:00 - 14:30)

-Conveners: Young-Kee Kim

time	[id] title	presenter
13:00	[577] Overview on theoretical issues of standard model and physics at the TeV scale	MALTONI, Fabio
13:30	[578] Higgs physics results by ATLAS and CMS	TREVISANI, Nicolo'
14:00	[579] Highlights of EW and QCD results at the LHC	JIMÉNEZ PEÑA, Javier

Plenary session: Dark matter and cosmology (14:40 - 16:10)

-Conveners: Alexandre Lindote

time	[id] title	presenter
14:40	[581] Theoretical understanding on dark matter	BERTONE, Gianfranco
15:10	[580] Observational multi-messenger physics with neutrinos and beyond	XU, Donglian
15:40	[582] Experimental searches for dark matter	GAITSKELL, Richard

Plenary session: Neutrino physics (16:20 - 17:20)

-Conveners: Soo-Bong Kim

time	[id] title	presenter
16:20	[584] Theoretical progress in the field of neutrino physics	HERNANDEZ, Pilar
16:50	[583] New experimental results in the field of neutrino physics	LASSERRE, Thierry

Tuesday, 7 September 2021

Plenary session: Flavour physics - CKM and beyond (13:00 - 14:30)

-Conveners: jorge Martin Camalich

time	[id] title	presenter
13:00	[586] New theoretical aspects of flavor physics	ISIDORI, Gino
13:30	[587] LHCb results	WATSON, Nigel
14:00	[588] Belle II results	HIGUCHI, Takeo

Plenary session: Tests of symmetries and conservation laws (14:40 - 16:10)

-Conveners: DMITRY BUDKER

time	[id] title	presenter
14:40	[589] Theoretical aspects of fundamental symmetries and conservation laws	CIRIGLIANO, Vincenzo
15:10	[590] Overview on experimental tests of fundamental symmetries and conservation laws	KIRCH, Klaus
15:40	[591] The muon g-2 experiment at FNAL	FERTL, Martin

Plenary session: Hadron spectroscopy and exotics (16:20 - 17:20)

-Conveners: Stephan Paul

time	[id] title	presenter
16:20	[592] Theoretical understanding of light and heavy hadrons	GUO, Feng-Kun
16:50	[593] New experimental results on light and heavy hadrons	YUAN, Changzheng

Thursday, 9 September 2021

Plenary session: QCD, spin physics and chiral dynamics (13:00 - 15:10)

-Conveners: Marcin Stolarski

time	[id] title	presenter
13:00	[594] New theoretical results on QCD and the structure of the nucleon	PROKUDIN, Alexei
13:30	[595] New experimental results on the (spin) structure of the nucleon	QUINTANS, Catarina
14:00	[596] Experimental status of the proton radius	GAO, Haiyan
14:30	Break	
14:40	[597] Status of and plans for the EIC project	SURROW, Bernd

Plenary session: QGP and heavy ion collisions (15:10 - 16:10)

-Conveners: Nu Xu

time	[id] title	presenter
15:10	[598] New theoretical results on hot and dense matter physics in heavy ion reactions	WIEDEMANN, Urs
15:40	[599] Experimental results on hot and dense matter physics in heavy ion reactions	MOHANTY, Bedangadas

Plenary session: Hadrons in medium - hyperons and mesons in nuclear matter (16:20 - 17:20)

-Conveners: Laura Fabbietti

time	[id] title	presenter
16:20	[600] Theoretical understanding of hadrons in hot/dense media	FLÖRCHINGER, Stefan
16:50	[601] Overview on experimental results on hadrons in medium	BUFALINO, Stefania

Friday, 10 September 2021

Plenary session: Nuclear and particle astrophysics (13:00 - 14:30)

-Conveners: Philippe Chomaz

time	[id] title	presenter
13:00	[602] Overview on progress in theoretical nuclear physics	HOLT, Jason
13:30	[603] Experimental nuclear astrophysics overview	SPYROU, Artemis
14:00	[604] Overview on progress in nuclear medical physics	HOEHR, Cornelia

Plenary session: Development of accelerators and detectors + data science + Energy frontier physics beyond the standard model + Gravitational waves (14:40 - 16:50)

-Conveners: Nuno Castro

time	[id] title	presenter
14:40	[605] Accelerator Technologies and Science: Progress and Outlook	SHILTSEV, Vladimir
15:10	[606] New developments in Physics Data science	HEINRICH, Lukas
15:40	[607] Overview on the energy frontier of particle physics beyond the standard model	DA COSTA, Joao Guimaraes
16:10	Break	
16:20	[608] (Astro)physical implications of the O3 gravitational wave detections	Dr LAMBERTS, Astrid

Plenary session: Best Posters (16:50 - 17:20)

-Conveners: Helena Santos

time	[id] title	presenter
16:50	[630] Best Posters	HAPPACHER, Fabio RIENÄCKER, Ingo VERSTEEGEN, Maud ADHYA, Souvik Priyam