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2nd EMMI Workshop: Anti-matter, hyper-matter and exotica production at the LHC

Monday 06 November 2017

Session 1 - Sala Principi d'Acaja (08:55-10:30)

time	title	presenter
09:00	Welcome	
09:20	Recent results from ALICE	PIANO, stefano
09:50	Recent results from STAR	CHEN, Jinhui

Session 2 - Sala Principi d'Acaja (11:00-12:30)

time	title	presenter
11:00	Recent results and perspectives from HypHI	RAPPOLD, Christophe
11:30	Recent results from HADES	LORENZ, Manuel

Session 3 - Sala Principi d'Acaja (14:00-15:30)

time	title	presenter
14:00	Thermal model: Snowballs in Hell	BRAUN-MUNZINGER, Peter
14:30	Perspectives on strangeness physics with CBM	VASSILIEV, Iouri

Session 4 - Sala Principi d'Acaja (16:00-18:00)

time	title	presenter
16:00	Recent thermal model developments and connection of (anti-)nuclei to critical observables	VOVCHENKO, Volodymyr
16:30	Structure of multiquark states from a few-body perspective	HIYAMA, Emiko
17:00	EMMI	
17:20	Wrap-Up	

Welcome drink - Convitto Café (19:00-20:30)

Tuesday 07 November 2017

Session 5 - Sala Principi d'Acaja (09:00-10:30)

time	title	presenter
09:00	Coalescence model study of light nuclei production and flow in relativistic heavy ion collisions	KO, Che-Ming
09:30	Coalescence model involving HBT and flow	HEINZ, Ulrich

Session 6 - Sala Principi d'Acaja (11:00-12:30)

time	title	presenter
11:00	Estimating the temperature and chemical potential in the forward and backward rapidity regions at RHIC and LHC	KAPUSTA, Joseph
11:30	Production of hyper-nuclei and exotica using UrQMD and a coalescence model	BOTVINA, Alexander

Session 7 - Sala Principi d'Acaja (14:00-15:30)

time	title	presenter
14:00	Overview on hypernuclei	BRESSANI, Tullio
14:30	Hypernuclear physics with kaon beams	TAMURA, Hirokazu

Session 8 - Sala Principi d'Acaja (16:00-18:00)

time	title	presenter
16:00	Anti-matter detection AMS	DURANTI, Matteo
16:30	Anti-matter production for studying dark matter	DONATO, Fiorenza
17:00	Cosmic rays and the connection to (anti-)nuclei production	BLUM, Kfir
17:30	Wrap-Up	

Wednesday 08 November 2017

Session 9 - Sala Principi d'Acaja (09:00-10:30)

time	title	presenter
09:00	Electro-photo production of Λ hypernuclei: status and perspectives	NAKAMURA, Satoshi
09:30	Structure of light hypernuclei	HIYAMA, Emiko

Session 10 - Sala Principi d'Acaja (11:00-12:30)

time	title	presenter
11:00	Theory view on hyperon-hyperon interaction from correlations	MORITA, Kenji
11:30	Multi-strange Hypernuclei	KHAN, Elias

Session 11 - Sala Principi d'Acaja (14:00-15:30)

time	title	presenter
14:00	Hypertriton as Efimov state	HAMMER, Hans-Werner
14:30	Unresolved Issues in Hypernuclear Physics	GAL, Avraham

Session 12 - Sala Principi d'Acaja (16:00-19:00)

time	title	presenter
16:00	Hyperon-baryon interactions from correlations at the LHC energies	FABBIETTI, Laura
16:30	Structure of di- and tri-baryonic exotic compounds	GARCILAZO, Humberto
17:00	Strangeness and hypernuclei with PANDA	POCHODZALLA, Josef
17:30	Wrap-Up	

Thursday 09 November 2017

Session 13 - Aula Magna (09:00-10:30)

time	title	presenter
09:00	Baryon-baryon interaction from chiral effective field theory	HAIDENBAUER, Johann
09:30	Hyperons in infinite nuclear matter based on the hyperon-baryon interactions from the HALQCD method	INOUE, Takashi

Session 14 - Aula Magna (11:00-12:30)

time	title	presenter
11:00	Phase shift in strangeness interactions	SASAKI, Kenji
11:30	Baryon-baryon interactions from Meson-exchange	RIJKEN, Thomas

Session 15 - Aula Magna (14:00-15:30)

time	title	presenter
14:00	Recent results on light (hyper-)nuclei structure from NPLQCD	PARREÑO, Assumpta
14:30	Dibaryon production and structure	BASHKANOV, Mikhail

Session 16 - Aula Magna (16:00-19:00)

time	title	presenter
16:00	Structure of exotic compounds	BAYAR, Melahat
16:30	Overview on exotica production with CMS	BARTOSIK, Nazar
17:00	Exotica structure from Bethe-Salpeter approach	EICHMANN, Gernot
17:30	Exotica production in heavy-ion experiments	LEE, Suhoung
18:00	Wrap-Up	

Conference dinner at Ristorante Solferino Piazza Solferino 3, Turin. More information at <http://www.ristorantesolferino.com/> - (20:00-23:00)

Friday 10 November 2017

Session 17 - Aula Magna (09:00-10:30)

time	title	presenter
09:00	Overview on exotica production with LHCb	PATRIGNANI, Claudia
09:30	Heavy Flavor in Nuclear Collisions	TOLOS, Laura

Session 18 - Aula Magna (11:00-13:30)

time	title	presenter
11:00	Hyperonic Equation of State and Astrophysical Applications	CHATTERJEE, Debarati
11:30	The Scenario of Two Families of Compact Stars	PAGLIARA, Giuseppe
12:00	Wrap-Up	
12:30	Closing	