

The 28th International Symposium on Lepton Photon Interactions at High Energies

Monday 07 August 2017 - Saturday 12 August 2017

Programme

Table of contents

Monday 07 August 2017	1
Welcome	1
LHC Highlights	1
Other Highlights	1
Higgs	1
Beyond SM	1
Tuesday 08 August 2017	2
EW and Top Physics	2
Neutrino Physics I	2
Astrophysics	2
Flavor Physics	2
Thursday 10 August 2017	3
Dark Matter	3
Neutrino Session II	3
Gravitational Waves	3
Astroparticle and Cosmology Session	3
Public Lecture	3
Friday 11 August 2017	4
QCD and Heavy Ion Physics	4
Nuclear Physics and Hadron Physics	4
LQCD and Precision Measurements	4
Poster Hightlights Session	4
Saturday 12 August 2017	5
Community Matters and Future Neutrino Facilities Session	5
Future Facilities, Outlook and Closing Remark	5

Monday 07 August 2017

Welcome (08:00–08:30)

time [id] title

presenter

08:00	[79]	Opening	WANG, Wei
08:06	[80]	Welcome from SYSU	LUO, Jun
08:18	[81]	Welcome from IHEP	WANG, Yifang

LHC Highlights (08:30–10:15)

- Conveners: Taylor, Geoffrey

time [id] title

presenter

08:30	[82]	LHC Status	LAMONT, Michael
09:05	[83]	Highlight from ATLAS	MCPHERSON, Robert
09:40	[84]	Highlight from CMS	AUTERMANN, Christian

Other Highlights (10:45–12:30)

- Conveners: Charlton, David

time [id] title

presenter

10:45	[85]	Listening to the Universe: the detection of gravitational waves by LIGO	HENDRY, Martin
11:20	[86]	Detection of ultra high energy neutrinos by IceCube	KARLE, Albrecht
11:55	[87]	Collider based HEP highlight from China	ZHAO, Zhengguo

Higgs (14:00–16:00)

- Conveners: Fuster, Juan

time [id] title

presenter

14:00	[88]	Higgs boson measurements in diboson decay modes	PIANORI, Elisabetta
14:30	[89]	Higgs boson measurements in fermionic decay modes	KAADZE, Keti
15:00	[90]	Searches for Beyond SM Higgs Bosons	TSUNO, Soshi
15:30	[91]	What have we Learnt about Higgs?	WANG, Liantao

Beyond SM (16:30–18:30)

- Conveners: Zupan, Jure

time [id] title

presenter

16:30	[92]	Searches for SUSY at LHC	VIVARELLI, Iacopo
17:00	[93]	Exotics searches at LHC	SOMALWAR, Sunil
17:30	[94]	Searches for Dark Sector from accelerator data	BUCHMUELLER, Oliver
18:00	[95]	New physics searches with rare b decays and tests of lepton flavor universality	PEPE ALTARELLI, Monica

Tuesday 08 August 2017

EW and Top Physics (08:00–10:00)

- Conveners: Abt, Iris

time	[id] title	presenter
08:00	[96] Top-Quark Measurements	YAMAZAKI, Yuji
08:30	[97] What have we learnt about the Top-Quark	CHIVUKULA, R. Sekhar
09:00	[98] EW Measurements from LHC and Past Experiments	LI, Qiang
09:30	[99] Theoretical Perspectives on Precision EW Measurements	FREITAS, Ayres

Neutrino Physics I (10:30–12:30)

- Conveners: Dighe, Amol

time	[id] title	presenter
10:30	[100] Results and Opportunities in Atmospheric Neutrinos and Searches of Nucleon Decays	OKUMURA, Kimihiro
11:00	[101] Short- and Medium-baseline Reactor Neutrino Experiments	DRACOS, Marcos
11:30	[102] Latest results of long-baseline neutrino experiments and future perspectives	THOMAS, Jennifer
12:00	[103] Very Short-Baseline neutrinos experiments	HEEGER, Karsten

Astrophysics (14:00–15:30)

- Conveners: Schwetz, Thomas

time	[id] title	presenter
14:00	[104] Exploring the Universe with Gamma Rays	RAZZAQUE, Soebur
14:30	[105] Exploring the Universe with UHE Neutrinos (KM3net/ANTARES/ORCA/Baikal)	MIGLIOZZI, Pasquale
15:00	[106] Charged Cosmic Rays	TBD

Flavor Physics (16:00–18:00)

- Conveners: Hou, George Wei-Shu

time	[id] title	presenter
16:00	[107] Flavor Constraints on New Physics	ZUPAN, Jure
16:30	[108] Lepton Flavor Violation	BALDINI, Alessandro
17:00	[109] CP violation in heavy-flavor hadrons	COWAN, Greig
17:30	[110] The Belle II experiment at SuperKEKB	USHIRODA, Yutaka

Thursday 10 August 2017

Dark Matter (08:00–10:00)

- Conveners: Nojiri, Mihoko

time [id] title

presenter

08:00	[111]	Latest Results of Experimental Searches for DM	BUDNIK, Ran
08:30	[112]	The China Jinping Laboratory and Future Dark Matter Searches in China	LIU, Jianglei
09:00	[113]	Directional Dark Matter Searches	SANTOS, Daniel
09:30	[114]	Implications of DM search results: how to save the WIMP	SCHWETZ, Thomas

Neutrino Session II (10:30–12:00)

- Conveners: Bagger, Jonathan

time [id] title

presenter

10:30	[115]	Low-Energy Neutrino Experiments (solar neutrinos)	RANUCCI, Gioacchino
11:00	[116]	Neutrinoless double beta decay & Absolute Neutrino Mass Measurements	SCHWINGENHEUER, Bernhard
11:30	[117]	Theoretical Perspectives of Neutrino Physics	PARKE, Stephen

Gravitational Waves (14:00–15:30)

- Conveners: Liu, Jianglei

time [id] title

presenter

14:00	[118]	KAGRA status	HAINO, Sadakazu
14:30	[119]	LISA Pathfinder	PACZKOWSKI, Sarah
15:00	[120]	Toward Quantum Gravity	UGAJIN, Tomonori

Astroparticle and Cosmology Session (16:00–17:30)

- Conveners: Santos, Daniel

time [id] title

presenter

16:00	[121]	Space borne DM searches	MURGIA, Simona
16:30	[122]	Dark Energy Searches at AMS	XU, Weiwei
17:00	[123]	Probing the large-scale structure	TROXEL, Michael

Public Lecture (19:00–21:00)

time [id] title

presenter

19:00	[145]	Past, Present and the Future of High Energy Physics of China	WANG, Yifang
-------	-------	--	--------------

Friday 11 August 2017

QCD and Heavy Ion Physics (08:00–10:00)

- Conveners: Li, Haibo

time [id] title

presenter

08:00	[125]	Hard QCD Measurements at LHC	PASZTOR, Gabriella
08:30	[126]	Soft QCD Measurements at LHC	TASEVSKY, Marek
09:00	[127]	Experimental results of Heavy Ion Collisions	KALWEIT, Alexander
09:30	[128]	QCD at colliders: theoretical results	CAOLA, Fabrizio

Nuclear Physics and Hadron Physics (10:30–12:00)

- Conveners: Pepe Altarelli, Monica

time [id] title

presenter

10:30	[130]	Latest results in hadron spectroscopy from LHC	GAO, Yuan-Ning
11:00	[129]	A general review of Hadron Spectroscopy	MUSSA, Roberto
11:30	[131]	Jlab 12 GeV Upgrades and Opportunities	MCKEOWN, Robert

LQCD and Precision Measurements (14:00–16:00)

- Conveners: Kuno, Yoshitaka

time [id] title

presenter

14:00	[132]	Precision Measurements with Leptons and Kaons and Nuclei	DECONINCK, Wouter
14:30	[133]	Theoretical Implications of Precision Measurements	ERLER, Jens
15:00	[134]	LQCD: Flavor Physics and Spectroscopy	KANEKO, Takashi
15:30	[135]	LQCD: Gauge Theories and QCD at non-Zero Temperature	DING, Heng-Tong

Poster Highlights Session (16:30–17:30)

- Conveners: Murgia, Simona

Saturday 12 August 2017

Community Matters and Future Neutrino Facilities Session (08:00-10:00)

- Conveners: Gao, Yuanning

time [id] title

presenter

08:00	[136]	ICFA/LCB Reports	MNICH, Joachim
08:30	[137]	IUPAP/C11 Reports	FUSTER, Juan
09:00	[138]	A Status Report of J-PARC/T2HK/T2HKK	NAKAYA, Tsuyoshi
09:30	[139]	A Status report of LBNF/DUNE	DE ROECK, Albert

Future Facilities, Outlook and Closing Remark (10:30-12:35)

- Conveners: Abramowicz, Halina

time [id] title

presenter

10:30	[140]	Status of ILC	YAMAUCHI, Masanori
11:00	[141]	Status of CLIC	MARTIN, Victoria
11:30	[142]	Status of FCCee/FCChh	BLONDEL, Alain
12:00	[143]	Status of CepC/SppC	LOU, Xinchou
12:30	[144]	Closing Remark	WANG, Wei