

JETSCAPE Winter School & Workshop 2018

Friday, 5 January 2018

Workshop Session - Perseverance Hall (14:00 - 15:40)

-Conveners: Gunther Roland

time	[id] title	presenter
14:00	[62] Workshop introduction	Dr JACOBS, Peter
14:05	[29] Jet Measurements in pp collisions	Dr NACHMAN, Ben
14:35	[30] MC implementation of QCD processes	Dr BIERLICH, Christian
15:05	[31] Jet Functions	Prof. KANG, Zhongbo

Workshop Session - Perseverance Hall (16:00 - 18:00)

-Conveners: Marco van Leeuwen

time	[id] title	presenter
16:00	[32] Jet quenching measurements at RHIC	Prof. CAINES, Helen
16:30	[33] Jet quenching theory overview	Prof. JEON, Sangyong
17:00	[34] MC implementation of jet quenching	Dr MAJUMDER, Abhijit
17:30	[35] Inner workings of the QGP: Where we are and where are we going?	Prof. RAJAGOPAL, Krishna

Saturday, 6 January 2018

Workshop Session - Perseverance Hall (09:15 - 10:33)

-Conveners: Bjoern Schenke

time	[id] title	presenter
09:15	[36] Jet quenching measurements at the LHC	LEE, Yen-Jie
09:45	[37] Small systems and hard probes	Prof. COLE, Brian
10:15	[38] Inclusive prompt photon production in e+A DIS at small x as a probe of gluon saturation	ROY, Kaushik

Workshop Session - Perseverance Hall (11:00 - 12:30)

-Conveners: Joern Putschke

time	[id] title	presenter
11:00	[39] Jet substructure: theory	Dr CHIEN, Yang-Ting
11:30	[40] Sudakov suppression of jets in QCD media	Dr MEHTAR-TANI, Yacine
12:00	[41] Novel tools and observables for jet physics in heavy-ion collisions: a summary	Dr TYWONIUK, Konrad

Workshop Session - Perseverance Hall (14:00 - 15:30)

-Conveners: Rainer Fries

time	[id] title	presenter
14:00	[43] Jet quenching at strong coupling	Dr PABLOS, Daniel
14:30	[44] Hydrodynamics: state of the art	Dr SHEN, Chun
15:00	[45] Parameter constraints via emulation and Bayesian analysis	Mr PRATT, Scott

Workshop Session - Perseverance Hall (16:00 - 18:00)

-Conveners: Sangyong Jeon

time	[id] title	presenter
16:00	[46] Initial conditions for hydrodynamics from QCD kinetics	TEANEY, Derek
16:30	[47] JETSCAPE: physics modeling challenges and approach	CAO, Shanshan
17:00	[49] Lisbon Accord and RIVET	Dr MILHANO, Guilherme

Sunday, 7 January 2018

Workshop Session - Perseverance Hall (09:00 - 10:30)

time	[id] title	presenter
09:00	[50] Recent results on jet imbalance and suppression in heavy ion collisions with ATLAS	HAVENER, Laura
09:18	[51] Jet evolution with parton virtuality and medium rescattering	CAUCAL, Paul
09:36	[52] The role of QCD monopoles in jet quenching	RAMAMURTI, Adith
09:54	[53] Jet modification within a Linear Boltzmann Transport model	LUO, Tan
10:12	[60] Free-streaming as a pre-equilibrium model for use with (3+1)-dimensional hydrodynamical evolution models	EVERETT, Derek

Workshop Session - Perseverance Hall (10:45 - 13:33)

time	[id] title	presenter
10:45	[54] Fragmentation functions and their modification	LAI, Yue Shi
11:15	[61] Gamma+jet fragmentation functions and the jet-induced medium response	CHEN, Wei
11:33	[55] Hadronization within a medium	Prof. FRIES, Rainer
12:03	[48] JETSCAPE framework	Dr KAUDER, Kolja
12:33	[57] Jet quenching: future experiments and End Game	Prof. VAN LEEUWEN, Marco