

XLI International Symposium on Multiparticle Dynamics (ISMD2011)

Sunday 25 September 2011 - Friday 30 September 2011

**Miyajima Morinoyado Inn
Programme**

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Sunday 25 September 2011

 **Reception - 2F reception room (15:00-22:30)**

Monday 26 September 2011

Reception - 2F reception room (08:00-08:30)

Opening Remark - Conference room (08:30-08:40)

time	title	presenter
08:30	Opening Remark	YAMANE, Yasuo

QCD Phase Diagram and Related Topics: chair - NAKAMURA, Atsushi - Conference room (08:40-10:25)

- Conveners: Fukushima, Kenji; Lee, Su Houn

time	title	presenter
08:40	Phase diagram and heavy-ion collisions: Overview	OHNISHI, Akira
09:15	Signposting the phase diagram of QCD	GUPUTA, Sourendu
09:40	Chiral Magnetic Effect -- Impact of the Strong Magnetic Field in the Heavy-Ion Collision	FUKUSHIMA, Kenji
10:05	Axial Anomaly Mismatched Fermi Surfaces and Vector Interaction in Dense Neutral Quark Matter	KUNIHIRO, Teiji

High Energy Density QCD: chair - HAMAGAKI, Hideki - Conference room (10:45-12:40)

- Conveners: Bass, Steffen A.; Schweda, Kai

time	title	presenter
10:45	theory overview	BASS, Steffen
11:25	global event properties (exp.)	CHUJO, Tatsuya
11:50	saturation physics (th.)	LOPEZ ALBACETE, Javier
12:15	J/Psi D0 non-flow (exp.)	XU, Wenqin

QCD Phase Diagram and Related Topics: chair - OHNISHI, Akira - Conference room (14:10-16:35)

- Conveners: Fukushima, Kenji; Lee, Su Houn

time	title	presenter
14:10	Onset of deconfinement and search for the critical point of strongly interacting matter at CERN SPS energies	STEFANEK, Grzegorz
14:30	NA61 experiment, critical point search	CZOPOWICZ, Tobiasz
14:50	The RHIC Beam Energy Scan: A Study of the QCD Phase Diagram and Search for the Critical Point	CEBRA, Daniel
15:15	Photon Measurements in Heavy Ion Collisions	YAMAGUCHI, Yorito
15:35	X, Y , Z particles from Belle	OLSEN, Steve
16:10	Multiquark interactions in NJL based model	HILLER, Brigitte

Soft Interaction and Multiparticle Correlations: chair - MORAES, Arthur - Conference room (16:55-18:25)

- Conveners: Dumitru, Adrian; Esumi, ShinIchi; Sarkisyan-Grinbaum, Edward; Moraes, Arthur

time	title	presenter
16:55	Review on soft interaction and multiparticle correlations	TRAINOR, Tom
17:15	Underlying event studies at CMS	CHAO, Yuan
17:40	Measurement of Hadron Production and correlations at CMS	ROUGNY, Romain
18:00	ATLAS results on inelastic pp collisions and the underlying event	LIMPER, Maaïke

Recent Developments: chair - MORAES, Arthur - Conference room (19:30-21:00)

time	title	presenter
19:30	Measurements of forward energy flow and forward jet production with CMS	MALEK, Magdalena
19:48	Phenomenology of the Squeezed Hadronic Correlations at RHIC Energies	PADULA, Sandra
20:06	Mutual boosting of the saturation bound in colliding nuclei	KOPELIOVICH, Boris
20:24	First event-by-event fluctuation study in Pb-Pb collision at LHC energy by the ALICE experiment	JENA, Satyajit
20:42	Neutral pion number fluctuations	KOKOULINA, Elena

Tuesday 27 September 2011

Forward and Diffraction Physics and Cosmic Rays: chair - ALBACETE, Javier - Conference room **(08:30-10:10)**

- Conveners: Sako, Takashi; Deile, Mario; Albacete, Javier

time	title	presenter
08:30	Diffraction and forward physics at HERA	YAMAZAKI, Yuji
08:50	Proton-proton elastic scattering cross-section at $\sqrt{s} = 7$ TeV as measured by the CERN LHC experiment TOTEM	CSöRGö, Tamas
09:10	Forward physics results from ATLAS	BROWN, Gareth
09:30	Measurement of inelastic, diffractive and exclusive processes in pp collisions with CMS	MARONE, Matteo
09:50	Measurements of Particle Production in pp Collisions in the Forward Region at the LHC (LHCb)	MURESAN, Raluca

Forward and Diffraction Physics and Cosmic Rays: chair -SAKO, Takashi - Conference room **(10:30-12:40)**

- Conveners: Sako, Takashi; Deile, Mario; Albacete, Javier

time	title	presenter
10:30	Forward physics: hard processes and saturation - theory and phenomenology review	KUTAK, Krzysztof
11:05	Studies of very high energy cosmic rays: status, puzzles, and the impact of LHC data	OSTAPCHENKO, Sergey
11:40	Forward photon energy spectrum at 7TeV p-p collisionsmeasured by the LHCf experiment	MENJO, Hiroaki
12:00	Forward hadron productions at high energy colliders in CGC framework	FUJII, Hirotugu
12:20	Baryon stopping and gluon saturation in heavy-ion collisionsat LHC energies	WOLSHIN, Georg

Excursion (Heart of Hiroshima) - (12:40-18:45)

time	title	presenter
14:00	Make Your Own Okonomiyaki	
16:30	A: Atomic-Bomb Dome and Peace Memorial Park	
16:30	B: Japanese Garden Shukkeien	

Board of Elders - (19:20-22:00)

Wednesday 28 September 2011

Soft Interaction and Multiparticle Correlations: chair - ESUMI, ShinIchi - Conference room

(08:30-10:20)

- Conveners: Dumitru, Adrian; Esumi, ShinIchi; Sarkisyan-Grinbaum, Edward; Moraes, Arthur

time	title	presenter
08:30	BEC from "small sources" to heavy-ions	CSÖRGÖ, Tamas
08:50	BEC in e+e- collisions	METZGER, Wes
09:10	Bose-Einstein correlations in pp collisions measured at LHC with CMS	PADULA, Sandra
09:30	Femtoscopy for relativistic heavy ion collisions	ENOKIZONO, Akitomo
09:55	Eccentricity and elliptic flow in pp at LHC	HATTA, Yoshitaka

Soft Interaction and Multiparticle Correlations: chair - DUMITRU, Adrian - Conference room

(10:40-12:45)

- Conveners: Dumitru, Adrian; Esumi, ShinIchi; Sarkisyan-Grinbaum, Edward; Moraes, Arthur

time	title	presenter
10:40	Hydrodynamical evolution of harmonic moments of the density distribution and final-state flow	SORENSEN, Paul
11:05	The radius of valence charges in the nucleon and harmonic moments of the density distribution of produced gluons in AA collisions	NARA, Yasushi
11:30	RHIC flow and correlation	MASUI, Hiroshi
11:55	Anisotropic flow and other collective phenomena measured in Pb-Pb collisions with ALICE at the LHC	SELYUZHENKOV, Ilya
12:20	Dihadron correlations in pp and PbPb collisions	KIM, Ji Hyun

Soft Interaction and Multiparticle Correlations: chair - DUMITRU, Adrian - Conference room

(14:15-15:15)

- Conveners: Dumitru, Adrian; Esumi, ShinIchi; Sarkisyan-Grinbaum, Edward; Moraes, Arthur

time	title	presenter
14:15	The "soft ridge" -- is it initial-state geometry or modified jets?	TRAINOR, Tom
14:35	On the origin of the trigger-angle dependence of ridge structure	HAMA, Yogiro
14:55	Correlations and Fluctuations in the Initial State of high energy Heavy Ion Collisions	FLENSBURG, Christoffer

High Field Science by High-Intensity Lasers: chair - NAKAMURA, Atsushi - Conference room

(15:15-15:40)

- Conveners: Tuchin, Kirill

time	title	presenter
15:15	Opportunities of fundamental physics at high-intensity laser facilities	HOMMA, Kensuke

High Field Science by High-Intensity Lasers: chair - NAKAMURA, Atsushi - Conference room

(16:00-18:05)

- Conveners: Tuchin, Kirill

time	title	presenter
16:30	Probing dark energy with high-intensity laser fields	FUJII, Yasunori
16:55	Laser technologies and the combined applications toward vacuum physics	KANDO, Masaki
17:30	Known unknowns and unknown unknowns: astronomy vs. physics	SUTO, Yasushi

Recent Developments: chair - DUMITRU, Adrian - Conference room (19:10-21:52)

time	title	presenter
19:10	Nuclear geometry and number of collisions: Glauber model and beyond	POTASHNIKOVA, Irina
19:28	Flow and eccentricity correlation in Fluctuating Initial Conditions	MOTA, Philipe
19:46	Fluctuation in Initial Conditions and Anisotropic Flows	GARDIM, Fernando
20:04	Forward-backward flow correlations in relativistic heavy ion collisions	BRONIOWSKI, Wojciech
20:22	The effect of temperature dependent η/s to particle anisotropies	DENICOL, Gabriel
20:40	Transport coefficients of the second order hydrodynamics and the applicability of hydrodynamic	MUROYA, Shin
20:58	Viscosity vs Causality	MOCSY, Agnes
21:16	Femtoscopic Correlations and Resonance Formation	SUMBERA, Michal
21:34	Could dense quark matter be a source of super high energy cosmic rays?	SULEYMANOV, Mais

Thursday 29 September 2011

Hard QCD: chair - TERASHI, Koji - Conference room (09:00-10:50)

- Conveners: Terashi, Koji; Nagy, Zoltan

time	title	presenter
09:00	QCD and Monte Carlos	NAGY, Zoltan
09:35	Jet results from ATLAS	SHIMIZU, Shima
10:00	Jet results from CMS	HINZMANN, Andreas
10:25	Parton density function review	GLAZOV, Alexandre

Hard QCD: chair - NAGY, Zoltan - Conference room (11:10-12:45)

- Conveners: Terashi, Koji; Nagy, Zoltan

time	title	presenter
11:10	Top results from ATLAS and CMS	TEMPLE, Jeff
11:35	Z and W physics from ATLAS and CMS	KLEIN, Max
12:00	Electroweak and top results from the Tevatron	NAGANOMA, Junji
12:25	First test of z-scaling in charged hadron and jet production in pp collisions at the LHC	TOKAREV, Mikhail

High Energy Density QCD: chair - SHIGAKI, Kenta - Conference room (14:15-16:10)

- Conveners: Bass, Steffen A.; Schweda, Kai

time	title	presenter
14:15	Experimental Overview of High Energy Density QCD	HAMAGAKI, Hideki
14:55	open heavy flavor (exp.)	CROCHET, Philippe
15:20	Quarkonium at $T > 0$	MORITA, Kenji
15:45	quarkonia (exp.)	GRANIER DE CASSAGNAC, Raphael

High Energy Density QCD: chair - BASS, Steffen - Conference room (16:30-18:05)

- Conveners: Bass, Steffen A.; Schweda, Kai

time	title	presenter
16:30	high pT energy loss (th.)	RENK, Thorsten
16:55	jet suppression (exp.)	SPOUSTA, Martin
17:20	heavy quark energy loss (th.)	GOSSIAUX, Pol-Bernard
17:45	gauge bosons (exp.)	MIRONOV, Camelia

Mini Concert - In fron of hotel reception (18:45-19:15)

Symposium Dinner - terrace (19:15-21:15)

Friday 30 September 2011

Higgs and beyond the Standard Model: chair - SATO, Koji - Conference room (08:30-10:35)

- Conveners: Hanagaki, Kazunori; Kanaya, Naoko; Sato, Koji

time	title	presenter
08:30	Theoretical review on Higgs and related issues	OKADA, Yasuhiro
09:00	Higgs and beyond the standard model at the TEVATRON	TAKAHASHI, Maiko
09:25	Higgs and beyond the standard model in CMS	SCHOTT, Gregory
09:50	Higgs and beyond the standard model in ATLAS	BINI, Cesare
10:15	Physics with tau leptons in ATLAS	DHALIWAL, Saminder

Higgs and beyond the Standard Model: chair - SATO, Koji - Conference room (10:55-11:35)

- Conveners: Hanagaki, Kazunori; Kanaya, Naoko; Sato, Koji

time	title	presenter
10:55	Search for New Physics using Events with b-tagged Jets and Missing Energy in pp Collisions at 7 TeV	GARY, Bill
11:15	Searches for Light New Physics with BABAR	CHOI, Herve

Summary for Experiments: chair - BRONIOWSKI, Wojciech - Conference room (11:35-12:10)

time	title	presenter
11:35	Experimental summary	AKIBA, Yasuyuki

Summary for Theories: chair - BRONIOWSKI, Wojciech - Conference room (12:10-12:45)

time	title	presenter
12:10	Theoretical summary	DUMITRU, Adrian

Concluding Remarks - Conference room (12:45-12:55)