

Dynamics of critical fluctuations: theory - phenomenology - HIC

Monday 08 April 2019 - Friday 12 April 2019

GSI Helmholtzzentrum für Schwerionenforschung GmbH
Programme

Table of contents

Monday 08 April 2019	1
Tuesday 09 April 2019	2
Wednesday 10 April 2019	3
Thursday 11 April 2019	4
Friday 12 April 2019	5

Monday 08 April 2019

EMMI RRTF Symposium - Main lecture hall (SB1) (09:30-13:00)

time	title	presenter
09:30	Critical fluctuations in Heavy Ion Collisions - Experiment	Dr. OHLSON, Alice
10:15	Critical fluctuations in Heavy Ion Collisions - Theory	Prof. KITAZAWA, Masakiyo
11:00	Coffee break	
11:30	Phase transitions in Cold Gases and the role of fluctuations	Prof. SCHÄFER, Thomas
12:15	Fluid dynamics in the QCD phase diagram	Dr. KARPENKO, Iurii

Lunch Break - GSI canteen (13:00-14:30)

EMMI RRTF Welcome - KBW lecture hall (14:30-15:00)

Overview Talks I - KBW lecture hall (15:00-16:00)

time	title	presenter
15:00	Criticality in lattice QCD	Prof. KARSCH, Frithjof
15:30	Equations of state at finite baryon density	Dr. VOVCHENKO, Volodymyr

Coffee Break and Working Group Formation - Foyer (KBW) (16:00-17:30)

Reception - Foyer (KBW) (17:30-19:30)

Tuesday 09 April 2019

Expert Talks I and Overview Talks II - KBW lecture hall (09:30-10:30)

time	title	presenter
09:30	Nonequilibrium Chiral Fluid Dynamics	Dr. HEROLD, Christoph
10:00	Fluctuations at STAR	Prof. MOHANTY, Bedangadas

Expert Talks II - KBW lecture hall (11:00-12:00)

time	title	presenter
11:00	Fluctuating Hydrodynamics	Dr. MAZELIAUSKAS, Aleksas
11:30	Transits of the QCD Critical Point	Prof. TEANEY, Derek

Working groups I - KBW lecture hall (13:30-16:00)

time	title	presenter
13:30	Working Groups I	
15:00	Working Group Presentations	

Coffee Break and Discussion Wrap Up - Foyer (KBW) (16:00-17:00)

Wednesday 10 April 2019

Overview Talks III - KBW lecture hall (09:30-10:30)

time	title	presenter
09:30	Fluctuations in QCD	Prof. PAWLOWSKI, Jan M.
10:00	Fluctuations at NA61/SHINE	GAZDZICKI, Marek

Coffee Break - Foyer (KBW) (10:30-11:00)

Expert Talks III - KBW lecture hall (11:00-12:00)

time	title	presenter
11:00	Dynamics of critical fluctuations	Dr. BLUHM, Marcus
11:30	Critical diffusion dynamics	Prof. KITAZAWA, Masakiyo

Lunch Break - GSI canteen (12:00-13:30)

Expert Talks IV - KBW lecture hall (13:30-14:00)

time	title	presenter
13:30	Fluctuations in Relativistic Fluids and Hydro+	Prof. STEPHANOV, Misha

Working Groups II - KBW lecture hall and side room (14:00-16:00)

time	title	presenter
14:00	Working Groups II	
15:30	Working Group Presentations	

Coffee Break and Discussion Wrap Up - Foyer (KBW) (16:00-17:00)

Thursday 11 April 2019

Overview Talks IV - KBW lecture hall (09:30-10:30)

time	title	presenter
09:30	Challenges at high μ_B	Mr. HARTNACK, Christoph
10:00	Fluctuations at HADES	HOLZMANN, Romain

Coffee Break - Foyer (KBW) (10:30-11:00)

Expert Talks V - KBW lecture hall (11:00-12:00)

time	title	presenter
11:00	QCD assisted transport	Mr. WINK, Nicolas
11:30	Implementations of Critical Dynamics	Prof. FRAGA, Eduardo

Lunch Break - GSI canteen (12:00-13:30)

Expert Talks VI - KBW lecture hall (13:30-14:00)

time	title	presenter
13:30	Numerical implementation of Hydro+	Mr. RIDGWAY, Gregory

Working Groups III - KBW lecture hall and side room (14:00-16:00)

time	title	presenter
14:00	Working Groups III	
15:30	Working Group Presentations	

Coffee Break and Discussion Wrap Up - Foyer (KBW) (16:00-17:00)

Dinner - GSI canteen (VIP room) (18:00-20:00)

Friday 12 April 2019

Expert Talks VII - KBW lecture hall (09:30-10:30)

time	title	presenter
09:30	Event-by-event particlization	OLIINYCHENKO, Dmytro
10:00	From fluid fluctuations to particle correlation functions	FLOERCHINGER, Stefan

Coffee Break - Foyer (KBW) (10:30-11:00)

Overview Talks V - KBW lecture hall (11:00-12:00)

time	title	presenter
11:00	Fluctuations at ALICE	Mr. ARSLANDOK, Mesut
11:30	Effect of time correlations on net-baryon number fluctuations	PLUMBERG, Christopher

Lunch Break - GSI canteen (12:00-13:30)

Final Wrap Up - KBW lecture hall (13:30-14:30)