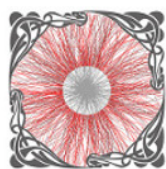


**Session Program**

**19-24 May 2014**



**XXIV QUARK MATTER**  
**DARMSTADT 2014**

**Quark Matter 2014 - XXIV International  
Conference on Ultrarelativistic Nucleus-Nucleus  
Collisions**

***Plenary***

darmstadtium  
Schlossgraben 1 64283 Darmstadt Germany

# Thursday 22 May

09:00

## Plenary: 1

**Session** | **Location:** darmstadtium, spectrum | **Convener:** Barbara Jacak

09:00–09:30 **STAR Overview**

**Speaker**

Nu Xu

09:30–10:00 **CMS Overview**

**Speaker**

Raphael Granier De Cassagnac

10:00–10:30 **ALICE Overview**

**Speaker**

Jan Fiete Grosse-Oetringhaus

10:30

11:00

## Plenary: 2

**Session** | **Location:** darmstadtium, spectrum | **Convener:** Paolo Giubellino

11:00–11:30 **PHENIX Overview**

**Speaker**

He Xiaochun

11:30–12:00 **ATLAS Overview**

**Speaker**

Brian Cole

12:00–12:30 **HADES Overview**

**Speaker**

Tetyana Galatyuk

12:30–13:00

**Recent results from lattice QCD and the phase diagram of strongly interacting matter**

**Speaker**

Dr Heng-Tong Ding

13:00

14:30

## Plenary: 3

**Session** | **Location:** darmstadtium, spectrum | **Convener:** Jean-Paul Blaizot

14:30–15:00

**Review of experimental results in p(d)-nucleus collisions at RHIC and the LHC**

**Speaker**

Anne Sickles

15:00–15:30

**Initial state in relativistic nuclear collisions and color glass condensate**

	<b>Speaker</b> Francois Gelis
	<b>15:30–16:00</b> <b>A unified description of the reaction dynamics from pp to pA to AA collisions</b> <b>Speaker</b> Klaus WERNER
16:00	
16:30	<b>Plenary: 4</b> <b>Session</b>   <b>Location:</b> darmstadtium, spectrum   <b>Convener:</b> Berndt Mueller
	<b>16:30–17:00</b> <b>Fluctuations and the QCD phase diagram</b> <b>Speaker</b> Masakiyo Kitazawa
	<b>17:00–17:30</b> <b>Hadron yields and the phase diagram of strongly interacting matter</b> <b>Speaker</b> Michele Floris
	<b>17:30–18:00</b> <b>Equation of state and phase diagram of strongly interacting matter</b> <b>Speaker</b> Jan M. Pawłowski
	<b>18:00–18:30</b> <b>New physics opportunities at high baryon density</b> <b>Speaker</b> Alexander Schmah
18:30	

# Friday 23 May

09:00

## Plenary: 5

**Session** | **Location:** darmstadtium, spectrum | **Convener:** Zhangbu Xu

09:00–09:30

### Experimental results and phenomenology of quarkonium production in relativistic nuclear collisions

**Speaker**

Anton Andronic

09:30–10:00

### Dynamics of heavy flavor quarks in high energy nuclear collisions

**Speaker**

Andrea Beraudo

10:00–10:30

### Recent results on open heavy flavor observables in relativistic nuclear collisions

**Speaker**

Min Jung Kweon

10:30

11:00

## Plenary: 6

**Session** | **Location:** darmstadtium, spectrum | **Convener:** Barbara Krystyna Wosiek

11:00–11:30

### Experimental results on jets in ultra-relativistic nuclear collisions

**Speaker**

Yen-Jie Lee

11:30–12:00

### Theory of jet quenching in ultra-relativistic nuclear collisions

**Speaker**

Guang-You Qin

12:00–12:30

### AdS CFT for the early stages of heavy ion collisions

**Speaker**

Romuald Janik

12:30–13:00

### Neutron star equation of state through current and future observations

**Speaker**

Anna Watts

13:00

14:30

## Plenary: 7

**Session** | **Location:** darmstadtium, spectrum | **Convener:** Maria Paola Lombardo

14:30–15:00

### Low and intermediate mass di-lepton production in high energy nuclear collisions

**Speaker**

Lijuan Ruan

15:00–15:30

**Phenomenology of photon and di-lepton production in relativistic nuclear collisions****Speaker**

Elena Bratkovskaya

15:30–16:00

**Theoretical aspects of photon production in high energy nuclear collisions****Speaker**

Jacopo Ghiglieri

16:00

16:30

**Plenary: 8****Session** | **Location:** darmstadtium, spectrum | **Convener:** Carsten Greiner

16:30–17:00

**Correlations and fluctuations in high energy nuclear collisions****Speaker**

Dr Jiangyong Jia

17:00–17:30

**Collective dynamics in relativistic nuclear collisions****Speaker**

Harri Niemi

17:30–18:00

**Theoretical developments in thermal field theory****Speaker**

Chihiro Sasaki

18:00–18:30

**New theoretical developments for the physics of strongly coupled systems****Speaker**

Uwe-Jens Wiese

18:30

# Saturday 24 May

09:00

## Plenary: 9

**Session** | **Location:** darmstadtium, spectrum | **Convener:** Bikash Sinha

09:00–09:30 **Baryonic matter and beyond**

**Speaker**

Kenji Fukushima

09:30–10:00 **Joint EPJ A and EPJ C lecture: The physics program of FAIR**

**Speaker**

Subhasis Chattopadhyay

10:00–10:30 **Physics prospects at RHIC and plans for an eA collider**

**Speaker**

Thomas Ullrich

10:30