

## Session Program

Jun 3 – 7, 2024



# Strangeness in Quark Matter 2024 (SQM 2024)

## *Plenary-Overviews*

Université de Strasbourg / Palais de la Musique et des Congrès, Room Curie  
Strasbourg, France

# Mon, June 3

9:15 AM

## Plenary-Overviews: Th+Exp Overviews

Session | Location: Palais de la Musique et des Congrès, Room Curie | Convener: Prof. Berndt Mueller

9:15 – 9:45 AM **Theory Overview / State-of-the-art**

**Speaker**

Jacquelyn Noronha-Hostler

9:45 – 10:15 AM **Experiment Overview / State-of-the-art**

**Speaker**

Maximiliano Puccio

10:15 AM

3:15 PM

## Plenary-Overviews: Plenary-Overview: Theory Overviews

Session | Location: Palais de la Musique et des Congrès, Room Curie | Convener: Jürgen Schukraft

3:15 – 3:45 PM **Transport models – State of the art**

**Speaker**

Steffen Bass

3:45 PM

5:00 PM

## Plenary-Overviews: Theory Overviews (PlenOverview)

Session | Location: Palais de la Musique et des Congrès, Room Curie | Convener: Prof. Claudia Ratti

5:00 – 5:30 PM **Strangeness in astrophysics**

**Speakers**

LAURA TOLOS RIGUEIRO, Dr Laura Tolos

5:30 – 6:00 PM **Recent progress on the QCD phase diagram and the equation of state**

**Speaker**

Gergely Endrödi

6:00 PM

## Thu, June 6

8:30 AM

### Plenary-Overviews

Session | Location: Palais de la Musique et des Congrès, Room Curie | Convener: Prof. Peter Braun-Munzinger

8:30 – 9:00 AM Precision measurements of net-proton number fluctuations in Au+Au collisions at RHIC

**Speaker**

Prof. Yifei ZHANG

9:00 – 9:30 AM Spin polarization in relativistic heavy ion collisions

**Speaker**

Xu-Guang Huang

9:30 – 10:00 AM Hadronisation mechanisms

**Speaker**

Prof. Vincenzo Greco

10:00 AM

10:30 AM

### Plenary-Overviews: Hypernuclei, Nuclei and Resonances

Session | Location: Palais de la Musique et des Congrès, Room Curie | Conveners: Prof. Francesca Bellini, Prof. Francesca Bellini

10:30 – 11:00 AM Strange resonances and exotic states

**Speaker**

Anders Knospe

11:00 – 11:30 AM Hypernuclei production at RHIC and their properties

**Speaker**

Yuanjing Ji

11:30 AM – 12:00 PM Nuclei and hypernuclei production at the LHC

**Speaker**

Chiara Pinto

12:00 – 12:30 PM Measurement of nuclei radii in heavy ion collisions

**Speakers**

Giuliano Giacalone, Giuliano Giacalone

12:30 PM

2:00 PM

### Plenary-Overviews: Open charm, beauty and Quarkonia

Session | Location: Palais de la Musique et des Congrès, Room Curie | Convener: Mr Gines MARTINEZ

2:00 – 2:30 PM Open charm and beauty production

**Speakers**

Zaida Conesa del Valle, Zaida Conesa del Valle

2:30 – 3:00 PM Hydrodynamisation of charm quarks in heavy ion collisions

**Speaker**

Stefan Floerchinger

	<p><b>3:00 – 3:30 PM</b>    <b>Measurements of quarkonia production</b></p> <p><b>Speaker</b> Laure Massacrier</p>
4:00 PM	<p><b>3:30 – 4:00 PM</b>    <b>Theoretical aspects of quarkonia production in heavy ion collisions</b></p> <p><b>Speakers</b> Jiaxing Zhao, Jiaxing Zhao</p>
4:30 PM	<p><b>Plenary-Overviews: QCD phase diagram, Critical point and interferometry</b></p> <p><b>Session</b>   <b>Location:</b> Palais de la Musique et des Congrès, Room Curie   <b>Convener:</b> Tetyana Galatyuk</p>
	<p><b>4:30 – 5:00 PM</b>    <b>Experimental search on QCD critical point</b></p> <p><b>Speakers</b> Yu Zhang, Yu Zhang</p>
	<p><b>5:00 – 5:30 PM</b>    <b>Available theoretical tools in search for the Critical Point of the QCD phase diagram</b></p> <p><b>Speaker</b> Adam Bzdak</p>
	<p><b>5:30 – 6:00 PM</b>    <b>Study of hadron two-body and three-body interactions with femtoscopy</b></p> <p><b>Speaker</b> Raffaele Del Grande</p>
6:30 PM	<p><b>6:00 – 6:30 PM</b>    <b>Molecular states with charm: insights from vacuum and finite-temperature analyses</b></p> <p><b>Speaker</b> Juan Torres-Rincon</p>

## Fri, June 7

8:30 AM

### Plenary-Overviews

Session | Location: Palais de la Musique et des Congrès, Room Curie | Convener: Jean-Yves Ollitrault

8:30 – 9:00 AM **Flow in light ion collisions**

**Speaker**

Shengli Huang

9:00 – 9:30 AM **Collectivity in high energy proton proton collisions**

**Speaker**

You Zhou

9:30 – 10:00 AM **Progress towards understanding flow in small systems**

**Speaker**

Bjoern Schenke

10:00 AM