

**Session Program**

**Jan 7 - 13, 2024**

**Quarkonia As Tools 2024**

***eA/pA/AA collisions, QGP***

Centre Paul Langevin  
Aussois, Vanoise Massif, France

## Wed, January 10

8:30 AM

### eA/pA/AA collisions, QGP

**Session** | **Location:** Centre Paul Langevin, Aussois, Vanoise Massif, France | **Conveners:**  
Kara Mattioli, Stéphane Delorme

08:30 - 09:00 **Recent Quarkonia results in AA collisions at the LHC**

**Speaker**

Dr Andry Rakotozafindrabe

09:00 - 09:30 **Theory of AA collisions**

**Speaker**

Pol-Bernard GOSSIAUX

09:30 - 10:00 **Recent Quarkonia results in pA and AA collisions at RHIC**

**Speaker**

Krista Smith

10:00 - 10:30 **Coffee break**

10:30 - 11:00 **Review on quarkonium production and CGC**

**Speaker**

YanQing Ma

11:00 - 11:30 **Multiplicity-dependent quarkonium measurements**

**Speaker**

Óscar Boente García

11:30 - 12:00

**LHC Run 3 Status Update and implications for quarkonia measurements in AA collisions**

**Speaker**

Rita Sadek

12:00 PM

4:30 PM

### eA/pA/AA collisions, QGP: Round table discussion

**Session** | **Location:** Centre Paul Langevin, Aussois, Vanoise Massif, France

16:30 - 17:00 **Q&A (young scientists 15')**

17:00 - 17:45 **Discussion of topics related to AA collisions**

**Speaker**

Cesar Luiz Da Silva

17:45 - 19:00 **Free discussion**

7:00 PM

# Thu, January 11

8:30 AM

## eA/pA/AA collisions, QGP

**Session** | **Location:** Centre Paul Langevin, Aussois, Vanoise Massif, France

08:30 - 09:00

### Total cbar cross section measurements and prospects for LHC in the fixed-target mode with LHCb

**Speaker**

Gabriel Ricart

09:00 - 09:30

### Recent measurements of quarkonium-excited-state production in pA collisions

**Speaker**

Kara Mattioli

09:30 - 10:00

### Recent results of nuclear PDFs

**Speaker**

Stéphane Delorme

10:00 - 10:30

### Coffee break

10:30 - 11:00

### Quarkonium-flow measurements from AA to pp collisions

**Speaker**

Chenxi Gu

11:00 - 11:30

### Photoproduction in peripheral pA and AA collisions

**Speaker**

Dukhishyam Mallick

11:30 - 12:00

### Quarkonium-nuclear-modification-factor computations for LHC and EIC

**Speaker**

Anton Safronov

12:00 PM

4:30 PM

## eA/pA/AA collisions, QGP: Round table discussion

**Session** | **Location:** Centre Paul Langevin, Aussois, Vanoise Massif, France

16:30 - 17:00

### Q&A (young scientists 15')

17:00 - 18:15

### Free discussion

18:15 - 19:00

### Multiple-quarkonium production in pA collisions

**Speaker**

David d'Enterria

7:00 PM