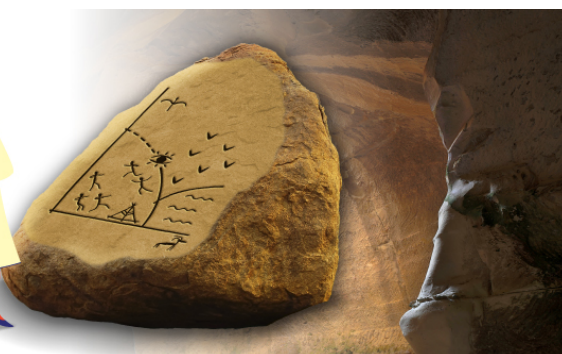


## Session Program

Jan 10 - 15, 2021



The VI<sup>th</sup> International Conference on the  
**INITIAL STAGES**  
OF HIGH-ENERGY NUCLEAR  
COLLISIONS



## Initial Stages 2021

***IS***

Weizmann Institute of Science, The David Lopatie Conference Center  
234 Herzl Street, Rehovot 7610001, Israel

# Mon, January 11

5:00 PM

## IS: 1

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Andrea Dainese

5:00 – 5:25 PM

### Invited: Electroweak probes of the initial stages

#### Speaker

Yeonju Go

5:25 – 5:45 PM

### Quarkonia as probe of the initial stages of the pp, pPb and PbPb collisions with ALICE

#### Speaker

Ophelie Bugnon

5:45 – 6:05 PM

### Nuclear suppression in inelastic nucleon-nucleon cross section

#### Speaker

Dr Ilkka Helenius

6:05 PM

6:20 PM

## IS: 2

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** James Lawrence Nagle

6:20 – 6:40 PM

### Recent heavy-flavor and quarkonium measurements with the ATLAS detector

#### Speaker

Alexandre Lebedev

6:40 – 7:00 PM

### Constraining the initial state through many-body observables

#### Speaker

Matthew Heffernan

7:00 – 7:20 PM

### Probe the initial stages of the QGP and final state interactions with heavy flavor meson spectra and DDbar correlations in PbPb collisions

#### Speaker

Jing Wang

7:20 – 7:40 PM

### Emergence of prescaling in far-from-equilibrium quark-gluon plasma

#### Speaker

Bruno Sebastian Scheiing Hitschfeld

7:40 PM

## Tue, January 12

5:00 PM

### IS: 3

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Mateusz Ploskon

5:00 – 5:20 PM

#### Preequilibrium dilepton production: concepts, estimates and feasibility

**Speaker**

Maurice Louis Coquet

5:20 – 5:40 PM

#### Directed, elliptic and triangular flow of D mesons in ALICE

**Speaker**

Grazia Luparello

5:40 – 6:00 PM

#### Towards fully 3-D simulations of heavy-ion collisions in the IP-Glasma Initial State

**Speaker**

Sangyong Jeon

6:05 PM

6:20 PM

### IS: 4

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Peter Alan Steinberg

6:20 – 6:40 PM

#### Accessing the initial stages of heavy ion collisions with photons

**Speaker**

Bjoern Schenke

6:40 – 7:00 PM

#### Beam-energy and collision-system size dependence of the anisotropic flow measurements from STAR

**Speaker**

Maria Stefaniak

7:00 – 7:20 PM

#### Correlations between flow and transverse momentum in Pb+Pb and Xe+Xe collisions with ATLAS

**Speaker**

Arabinda Behera

7:20 – 7:40 PM

#### Heavy quark diffusion in an overoccupied gluon plasma

**Speaker**

Jarkko Peuron

7:40 PM

## Wed, January 13

3:30 PM

### IS: 5

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Prof. Dinesh Srivastava

3:30 – 3:50 PM

#### Distribution of Nuclear Matter and Radiation in the Target Fragmentation Region

**Speaker**

Mawande Lushozi

3:50 – 4:10 PM

#### Dimuons from photon-photon fusion in ultraperipheral and hadronic Pb+Pb collisions with ATLAS

**Speaker**

Peter Alan Steinberg

4:10 – 4:30 PM

#### Direct photon interferometry as tool to probe the space-time evolution of heavy-ion collisions

**Speaker**

Oscar Garcia-Montero

4:30 – 4:50 PM

#### Pre-hydrodynamic evolution and conformal symmetry in small systems

**Speaker**

Prof. Tiago Jose Nunes da Silva

4:50 PM

5:05 PM

### IS: 6

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Roberta Araldi

5:05 – 5:30 PM

#### Invited: Recent developments in UPC

**Speaker**

Brian Cole

5:30 – 5:50 PM

#### Low-mass dielectron measurements with ALICE at the LHC

**Speaker**

Elisa Meninno

5:50 – 6:10 PM

#### Observation of impact parameter dependence of $\mu^+\mu^-$ acoplanarity in ultra-peripheral PbPb collisions

**Speaker**

Shuai Yang

6:10 – 6:30 PM

#### Dynamical initialization of hydrodynamics for heavy-ion collisions at Beam Energy Scan energies

6:30 PM

**Speaker**  
Lipei Du

6:45 PM

**IS: 7**  
**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Ralf Averbeck

6:45 – 7:05 PM **Nonperturbative properties of overoccupied gluonic plasmas**

**Speaker**  
Kirill Boguslavski

7:05 – 7:25 PM

**Probing the initial stages of heavy ion collisions with direct photons at PHENIX**

**Speaker**  
Dr Roli Esha

7:25 – 7:45 PM

**Rapidity evolution of collision geometry from the improved TRENTo-3D model**

**Speaker**  
Weiyao Ke

7:45 PM

## Thu, January 14

3:30 PM

### IS: 8

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Christian Bierlich

3:30 – 3:55 PM

#### Invited: Matter-Antimatter collective flows as a signature of strong initial electromagnetic fields

**Speaker**

Vincenzo Greco

3:55 – 4:15 PM

#### Search for the chiral magnetic effect with spectator and participant planes in STAR

**Speaker**

Dr Jie Zhao

4:15 – 4:35 PM

#### Far-From-Equilibrium Initial Conditions and the Search for the QCD Critical Point

**Speaker**

Travis Dore

4:35 – 4:55 PM

#### Study of nuclear deformation effects in Au+Au and U+U collisions from STAR experiment

**Speaker**

Jiangyong Jia

4:55 PM

5:10 PM

### IS: 9

**Session** | **Location:** vDLCC, Andrea's room 2 | **Convener:** Helen Caines

5:10 – 5:30 PM

#### Production of $\$W\$, \$Z\$, and charged hadrons in Pb+Pb collisions with the ATLAS detector$

**Speaker**

Iwona Grabowska-Bold

5:30 – 5:50 PM

#### Fixing the nuclear charge density with finite nucleons

**Speaker**

Mauricio Hippert

5:50 – 6:10 PM

#### Onset of deconfinement and critical point searches in NA61/SHINE experiment at SPS

**Speaker**

Damian Pszczel

6:10 PM