

**Session Program**

8-14 Jan 2026

**Excited QCD 2026 Workshop**

***Talks***

University of Granada, Carmen de la Victoria

# Friday 9 January

09:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

09:00–09:30 **Effective field theory of composite nucleons in high density matter**

**Speaker**

Gastao Krein

09:30–10:00

**Compatibility of LQCD predictions for the  $T_{cc}(3875)^+$  with experiment and a comparative study with the  $X_{c1}(3872)$**

**Speaker**

Fernando Gil Domínguez

10:00–10:30

**Hadronic form factors in QCD and the incompleteness problem in the time-like region**

**Speaker**

Prof. Enrique Ruiz Arriola

10:30

11:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

11:00–11:30 **Efficiently simulating quarkonium's evolution beyond the dipole approximation**

**Speaker**

Miguel Ángel Escobedo Espinosa

11:30–12:00

**Overview of PHENIX experiment at RHIC**

**Speaker**

Sato Susumu

12:00

# Saturday 10 January

09:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

09:00–09:30

### Obtaining bounds on the cold nuclear matter equation of state while evading the sign problem

Speaker

Thomas Cohen

09:30–10:00

### Three-body decays with Khuri-Treiman equations

Speaker

Sergi Gonzalez-Solis

10:00–10:30

### A precision test of First Row CKM Unitarity from Lattice QCD

Speaker

Ramón Merino Rojas

10:30

11:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

11:00–11:30

### Heavy quark thermodynamics with anisotropic lattices

Speaker

Jon-Ivar Skullerud

11:30–12:00

### Heavy QCD bound states at Belle and Belle II

Speaker

Christoph Schwanda

12:00–12:30

### Kaon-deuteron correlation function from an effective field theory approach

Speaker

Dr Juan Torres-Rincon

12:30–13:00

### Charmonium(-like) states production at LHCb

Speaker

Raoul Henderson

13:00

15:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

15:00–15:30

### Precise dispersive description of pion-pion interactions and model-independent determination of resonances

Speaker

Pablo Rabán Mondéjar

15:30–16:00

### Jet propagation in the Glasma phase in a Light-Front Hamiltonian formalism

**Speaker**  
Carlos Lamas Rodriguez

16:00–16:30

**An improved unitarization method and a search for molecular-type hidden charm pentaquarks**

**Speaker**  
Volodymyr Magas

16:30

17:00

**Talks**

**Session** | **Location:** University of Granada, Carmen de la Victoria

17:00–17:30

**Magnetically induced Kondo effect in QCD via the 3-flavor PNJL model**

**Speaker**  
Adeilton Dean Marques Valois

17:30–18:00

**The analytic structure of the QCD propagators, confinement, and deconfinement**

**Speaker**  
Giorgio Comitini

18:30

# Sunday 11 January

09:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

09:00–09:30 **Chiral-scale effective field theory for dense and thermal systems**

Speaker

Yong-Liang MA

09:30–10:00 **Hadro- and Photo-production of Exotic Mesons**

Speaker

Vincent Mathieu

10:00–10:30 **A continuum Schwinger method to study the pion's generalized parton distribution**

Speaker

Jorge Segovia

10:30

11:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

11:00–11:30 **Chiral and U(1) axial restoration in Effective Field Theories**

Speaker

Jacobo Ruiz de Elvira Carrascal

11:30–12:00 **Recent jet measurements with ALICE at the LHC**

Speaker

Prof. Marielle Chartier

12:00–12:30 **Femtoscopy correlation functions applied to hadron phenomenology**

Speaker

Miguel Albaladejo Serrano

12:30–13:00 **Pions reloaded**

Speaker

Joannis Papavassiliou

13:00

15:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

15:00–15:30 **Quantum Simulations of QCD within a particle-based encoding**

Speaker

Juan José Gálvez Viruet

15:30–16:00 **Advancing our understand of in-medium QCD splittings**

Speaker

Marco Leitão

16:30  
17:00  
18:30

16:00–16:30

**Antistatic-antistatic-light-light potentials and disentanglement of excited states**

**Speaker**

Bernardo Picão

**Talks**

Session | Location: University of Granada, Carmen de la Victoria

17:00–17:30

**The role of thermal photons in a magnetized plasma and their significance in heavy ion collisions**

**Speaker**

xinyang wang

17:30–18:00

**Unquenched Radially Excited  $\rho$ -wave Charmonia**

**Speaker**

George Rupp

# Monday 12 January

09:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

09:00–09:30 **Bulk viscous dense quark matter**

Speaker

Saga Aurora Säppi

09:30–10:00 **Exotic multistrange-anticharm baryon systems**

Speaker

Eulogio Oset

10:00–10:30 **Electromagnetic properties of heavy-light mesons**

Speaker

Angel Miramontes

10:30

11:00

## Talks

Session | Location: University of Granada, Carmen de la Victoria

11:00–11:30 **Chirally and chiral spin symmetric hot matter in a model with manifest confinement**

Speaker

Robert Wagenbrunn

11:30–12:00

**New measurement of  $K^+ \rightarrow \pi^+ \nu \bar{\nu}$  branching ratio at the NA62 experiment**

Speaker

Vlacheslav Duk

12:00

## Tuesday 13 January

09:30

### Talks

Session | Location: University of Granada, Carmen de la Victoria

09:30–10:00

#### Neutron star structure and nuclear matter properties from a general Walecka-type models with Bayesian analysis

Speaker

Yao Ma

10:00–10:30

#### Scalar and vector-meson SU(3) degeneracy within unitarized Chiral Perturbation Theory

Speaker

Jose Ramon Pelaez sagredo

10:30–11:00

#### Heavy and heavy-light tensor and axial-tensor mesons in the Covariant Spectator Theory

Speaker

Elmar Biernat

11:00

11:30

### Talks

Session | Location: University of Granada, Carmen de la Victoria

11:30–12:00

#### Rho mesons and the compressibility of nuclear matter in the Skyrme model.

Speaker

Carlos Naya

12:00–12:30

#### Tracing Baryon Number with Heavy Ion Collisions

Speaker

Chun Yuen Tsang

12:30–13:00

#### Understanding large localized CP violation in $B^{\pm} \rightarrow K^{\pm} \pi^+ \pi^-$ using dispersive methods

Speaker

Ms Alba Reyes Torrecilla

13:00

14:00

### Talks

Session | Location: University of Granada, Carmen de la Victoria

14:30–15:00

#### Unveiling femtoscopic correlations of light hadrons

Speaker

Alejandro Canoa Monsalve

15:00–15:30

#### Heavy-Flavor Fragmentation: The QCD Portal to Exotic Matter

Speaker

Francesco Giovanni Celiberto

15:30–16:00

**Bottom-up approach to describe groomed jet data in heavy-ion collisions**

**Speaker**

Mr Diogo Costa

16:00–16:30

**Phenomenological Insights from Dyson–Schwinger Equations: The  $\chi^3 P_0$  Model and (Hybrid) Meson Decay**

**Speaker**

Dr Alexandre Salas-Bernárdez

16:40

17:00

**Talks**

Session | Location: University of Granada, Carmen de la Victoria

17:00–17:30

**Pion Weak Decay in a Magnetic Field**

**Speaker**

Prabal Adhikari

17:30–18:00

**Machine learning unveils the quark mass dependence of the pseudoscalar meson decay constants in three-flavour NNLO ChPT**

**Speaker**

Zejian Zhuang

18:30

## Wednesday 14 January

09:00

10:00

**Talks: Discussion session (workshop conclusion, proceedings format).**

Session | Location: University of Granada, Carmen de la Victoria