

## **Session Program**

**24-28 Oct 2022**



# **European Nuclear Physics Conference 2022 (EuNPC 2022)**

## ***Plenary Talks***

University of Santiago de Compostela, Facultad de Ciencias de la Comunicación  
Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

# Monday 24 October

10:00

## Plenary Talks

**Session** |**Location:** University of Santiago de Compostela, Facultad de Ciencias de la Comunicación , Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

10:00-10:35

### Observation of the tetra neutron in the $p(p, \alpha)$ reaction at large momentum transfer

**Speaker**

Thomas Aumann

10:35-11:10

### High resolution gamma-ray spectroscopy of Exotic nuclei.

**Speaker**

Alain Goasduff

11:10

11:35

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11:35-12:10

### Present and future accelerators for nuclear physics

**Speaker**

Wolfram Fischer

12:10-12:45

### Status and Perspectives of Silicon Detectors

**Speaker**

Alberto Cervelli

12:45-13:20

### Development of novel detector concepts for nuclear physics with rare isotope beams at FRIB

**Speaker**

Dr Marco Cortesi

13:20

## Tuesday 25 October

08:30

### Plenary Talks

**Session** |

**Location:** University of Santiago de Compostela, Facultad de Ciencias de la Comunicación , Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

08:30–09:05

#### Cosmic laboratories for nuclear physics

**Speaker**

Almudena Arcones

09:05–09:40

#### Proton capture on stored radioactive ions

**Speaker**

Sophia Florence Dellmann

09:40–10:15

#### Nuclear Astrophysics at the Low-Energy Frontiers: Updates from underground laboratories

**Speaker**

Francesca Cavanna

10:15

10:40

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10:40–11:15

#### Hadron Spectroscopy: an experimental overview

**Speaker**

Marco Andrea Battaglieri

11:15–11:50

#### Unraveling the internal structure of the nucleon at Jefferson Lab and the future EIC

**Speaker**

Carlos MUNOZ CAMACHO

11:50–12:25

#### Hadron spectroscopy from lattice QCD: progress and prospects

**Speaker**

Sinead Ryan

12:25

# Wednesday 26 October

08:30

## Plenary Talks

**Session** |

**Location:** University of Santiago de Compostela, Facultad de Ciencias de la Comunicación , Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

08:30–09:05

### Status of the search for cosmic-ray origins: a multimessenger view

**Speaker**

Julia Tjus

09:05–09:40

### Neutrino oscillation anomalies

**Speaker**

Christoph Andreas Ternes

09:40

# Thursday 27 October

08:30

## Plenary Talks

**Session** |

**Location:** University of Santiago de Compostela, Facultad de Ciencias de la Comunicación , Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

08:30–09:05

### Constraints on the nuclear Equation of State from heavy ion reaction dynamics

**Speaker**

Dr Maria Colonna

09:05–09:40

### Present status of the theoretical description of low energy nuclear structure.

**Speaker**

Prof. Luis Miguel Robledo

09:40–10:15

### Nuclear fission at storage rings

**Speaker**

Beatriz JURADO APRUZZESE

10:15

10:40

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10:40–11:15

### Heavy Ions Theory Review

**Speaker**

Carlos Albert Salgado Lopez

11:15–11:50

### An overview of recent results from heavy-ion experiments

**Speaker**

Yvonne Chiara Pachmayer

11:50–12:25

### Upgrades and perspectives of heavy-ion experiments

**Speaker**

Jochen Klein

12:25–13:00

### A new experiment to measure Parity violation in trapped chiral molecular ions

**Speaker**

Yuval Shagam

13:00

# Friday 28 October

09:00

## Plenary Talks

**Session** |

**Location:** University of Santiago de Compostela, Facultad de Ciencias de la Comunicación , Campus Norte, Av. de Castelao, s/n, 15782 Santiago de Compostela, Spain

09:00–09:35

### NUCLEAR PHYSICS CAPABILITIES OF THE IFMIF-DONES NEUTRON SOURCE

**Speaker**

Angel Ibarra

09:35–10:10

### Applications of high energy focused ion beams for elemental and molecular imaging in live sciences: micro-PIXE and MeV-SIMS

**Speaker**

Primož Pelicon

10:10–10:45

### Applications of accelerator mass spectrometry radiocarbon dating in forensics

**Speaker**

Prof. Gianluca Quarta

10:45

11:10

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11:10–11:45

### From correlations to universal behavior in few-nucleon systems

**Speaker**

Alejandro Kievsky

11:45