

**Jornadas de Consolidação das
Carreiras Científicas
(CF-UM-UP)**

Report of Contributions

Contribution ID: **10**

Type: **not specified**

Welcome

Tuesday 21 January 2025 09:00 (10 minutes)

Summary

Presenters: ONOFRE, Antonio (Universidade do Minho/CFUMUP,LIP); CASTRO, Eduardo (University of Porto)

Session Classification: Opening Session

Contribution ID: 28

Type: **not specified**

Smart Hybrid Bionanosystems for Precision Therapy

Tuesday 21 January 2025 09:30 (15 minutes)

Summary

Presenter: LUCIO, Marlene (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 1

Contribution ID: 37

Type: **not specified**

Functionalized nanofibers for energy harvesting and nonlinear optics

Tuesday 21 January 2025 09:15 (15 minutes)

Summary

Presenter: BAPTISTA, Rosa (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 1

Contribution ID: 39

Type: **not specified**

Electrical spectroscopy of polaritonic nanoresonators and detection of polaritons

Tuesday 21 January 2025 09:45 (15 minutes)

Summary

Presenter: BLUDOV, Yuliy (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 1

Contribution ID: 50

Type: **not specified**

Exploring the Localized Surface Plasmon Resonance Phenomenon in Noble Metal Nanoparticles (Au, Ag) Embedded in an Oxide Thin Film

Tuesday 21 January 2025 10:00 (15 minutes)

Summary

Presenter: BORGES, Joel (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 1

Contribution ID: 58

Type: **not specified**

Flexible nanostructured thin films for biomedical applications

Tuesday 21 January 2025 11:00 (15 minutes)

Summary

Presenter: JESUS RIBEIRO LOPES, Cláudia (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 2

Contribution ID: 59

Type: **not specified**

Nanostructured Thin Films for Sensing Applications

Tuesday 21 January 2025 11:15 (15 minutes)

Summary

Presenter: FERREIRA, Armando

Session Classification: Session 2

Contribution ID: **60**

Type: **not specified**

AdS/CFT - a theoretical physicist lab

Tuesday 21 January 2025 11:30 (15 minutes)

Summary

Presenter: GONÇALVES, Vasco

Session Classification: Session 2

Contribution ID: 79

Type: **not specified**

Ferroelectrics: Advances in fundamental studies and emergent applications

Tuesday 21 January 2025 10:15 (15 minutes)

Summary

Presenter: PEDRO SILVA, Jose (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 1

Contribution ID: **80**

Type: **not specified**

How Optical and Visual Quality Evolve Over Time in Scleral Lens Wearers

Tuesday 21 January 2025 11:45 (15 minutes)

Summary

Presenter: ARAUJO, Rute

Session Classification: Session 2

Contribution ID: **81**

Type: **not specified**

SpinME: Magnetoelectric materials for spintronic applications

Tuesday 21 January 2025 14:00 (15 minutes)

Summary

Presenter: AMORIM, Luis (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 3

Contribution ID: 82

Type: **not specified**

Harnessing Active Materials and Stimuli for Tissue Engineering, Cancer Therapies, and others biomedical applications

Tuesday 21 January 2025 14:15 (15 minutes)

Summary

Presenter: MARTA OLIVEIRA RIBEIRO, Clarisse

Session Classification: Session 3

Contribution ID: 83

Type: **not specified**

From Crystal Patterns to Applied Science: A Journey in Research

Tuesday 21 January 2025 14:30 (15 minutes)

Summary

Presenter: LAZAROV FERDOV, Stanislav

Session Classification: Session 3

Contribution ID: **84**

Type: **not specified**

Advanced multifunctional inks for sustainable sensing solutions

Tuesday 21 January 2025 14:45 (15 minutes)

Summary

Presenter: FILIPE RIBEIRO COSTA, Pedro (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 3

Contribution ID: 85

Type: **not specified**

Energy storage systems: lithium-ion batteries and beyond

Tuesday 21 January 2025 15:30 (15 minutes)

Summary

Presenter: MIGUEL SILVA COSTA, Carlos (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 4

Contribution ID: **86**

Type: **not specified**

First principles simulations of ferroelectric oxides

Tuesday 21 January 2025 15:45 (15 minutes)

Summary

Presenter: LENZI, Veniero (Centro de Física das Universidades do Minho e do Porto)

Session Classification: Session 4