

NInTec Science Days

Thursday, 6 October 2022

Plenary Oral Sessions: First session - Chair Dulce Belo (10:20 - 11:20)

time	[id] title	presenter
10:20	[130] Oxidative potential of fine aerosols from a Portuguese urban-industrial area	, Nuno Canha
10:40	[106] Nanomaterials with thermally-activated delayed fluorescence for sensing and imaging: challenges and solutions	, Joao Avo
11:00	[113] Valorization of olive wastes to develop food bioactives using ionizing radiation	, Joana Madureira

Plenary Oral Sessions: Second Session - Chair Leonor Maria (11:40 - 13:00)

time	[id] title	presenter
11:40	[104] Nuclear Microprobe: The Tool to Characterize Materials	, Victoria Corregidor
12:00	[107] Conducting bilayer salts (CNB-EDT-TTF) ₄ A	, Sandra Rabaca
12:20	[101] Novel Radioconjugates for Auger Electron Therapy of Prostate Cancer	, Joana Santos
12:40	[111] Hypersingular Boundary Element Methods (BEM) in Navier-Stokes equations.	, Euripides J. Sellountos

Plenary Oral Sessions: Third Session - Chair Jónatas Valença (14:00 - 15:00)

time	[id] title	presenter
14:00	[96] New Fireproof Dwellings for Wildfire	, Mario Rui Arruda
14:20	[100] The role of volcanism as a source of trace elements to the environment: The case of Deception Island - Antarctica	, Joao Canario
14:40	[97] Conceptualizing Socio-Tech Entrepreneurship	, Maria Eugenia Leitao

Plenary Oral Sessions: Fourth Session - Chair Victoria Corregidor (16:00 - 17:00)

time	[id] title	presenter
16:00	[99] Plasmonic Instabilities in two-dimensional Dirac Materials	, Hugo Tercas
16:20	[105] Ion beam analysis of Li-Sn alloys	, Rodrigo Mateus
16:40	[135] Optimization of Alpha Particle Confinement in Fusion Devices	, Rogerio Jorge

Plenary Oral Sessions: Fifth Session - Chair Hugo Tercas (17:00 - 18:00)

time	[id] title	presenter
17:00	[115] Influence of culture media on Mesenchymal Stromal Cell expansion and hematopoietic support capacity	, Maria Catarina Carreira

17:20	[116] Manufacturing cultured meat through a scalable and cost effective bioprocess	, Ana Fernandes-Platzgummer
17:40	[103] Purification of small heat shock protein nanocages: exploring a chromatographic approach	, Jorge Joao

Friday, 7 October 2022

Plenary Oral Sessions: Sixth Session - Chair Nuno Cruz (09:20 - 10:40)

time	[id] title	presenter
09:20	[112] Bringing light closer to molecules for a sensitive detection of disease biomarkers	, Pedro M. R. Paulo
09:40	[137] A single-particle plasmon sensor to monitor proteolytic activity in real-time.	, Rui Silva
10:00	[117] Supercritical antisolvent precipitation: a path to nanocatalysts.	, Luis Nobre
10:20	[133] Novel bio-based Gold nanoplatfoms for cancer phototherapy	, Pedro Santos

Plenary Oral Sessions: Seventh Session - Chair Pedro Paulo (11:00 - 12:40)

time	[id] title	presenter
11:00	[128] High-performance instrumentation for diagnostics and control in fusion devices	, Nuno Cruz
11:20	[124] Radiation for Material, Environmental and Health Sciences Research at IRIS	, Pedro Santos
11:40	[102] Fleet of drones for radiological inspection, communication, and rescue	VEIGA, Nuno
12:00	[123] From Gravity to Gravity Waves: a Cursus Honorum	, Goncalo Dias
12:20	[129] Quantum correlations: from quantum mechanical foundations to applications	, Emmanuel Zambrini Cruzeiro