



26 October, Wednesday

Presenting a scientific poster is a great way to share your research, interact with fellow researchers, and get instant feedback on your work. It also serves as a valuable networking opportunity and allows you to forge relationships for future collaborations.

During lunchtime, see the **POSTERS** related to research @ CIÊNCIAS.

SEE YOU THERE!

CHEMICAL SCIENCES AND TECHNOLOGIES

CQE – Centre for Structural Chemistry

CQE

Comissão de imagem do CQE

Innovation in CQE

Patrícia Guerreiro

Post-graduation in CQE

Filomena Martins, Ana Viana

Environment and Energy in CQE

Comissão de imagem do CQE

Health in CQE

Comissão de imagem do CQE



PHYSICAL SCIENCES AND ENGINEERING

CENTRA - Center for Astrophysics and Gravitation

Exploring the Milky Way and its Stellar Populations

André Moitinho de Almeida, Kora Muzic, Victor Almandros, Duarte Almeida, Gonçalo Fernandes, Lara Piscarreta, Lucas Monteiro, Sandro Moreira, Ariana Dias, Eduarda Pimentel, Pedro Guilherme-Garcia, João Santos, Susana Carneiro, Beatriz Xavier, Bruno Wiesneth

Images, Devices, and LASERS @CENTRA for Telescopes, Communications and Satellites

António Amorim, José Figueiredo, Paulo Gordo, Saif Alomari, Bruno Couto, Nicole Dias, Tiago Ferro, Frederico Lopo, João Lourenço, Beltran Nadal, Luís Neves, Marcelino Ngando, Rafael Pinto, Ana Sousa

CFTC - Center for Theoretical and Computational Physics

The Secret Life of Particles

Rui Santos

How to predict the shelf time of powder-based food products

Manuel Cárdenas-Barrantes

Interfaces of Active Matter

Rodrigo Coelho

Dynamics of Active Skyrmions

Cristóvão Dias

IA - Institute of Astrophysics and Space Sciences

Optical design for a prototype of a cross dispersed echelle spectrograph

Nuno M. Gonçalves, A. Cabral, M. Abreu

Searching for Radio Galaxy detections with ensemble Machine Learning

R. Carvajal, I. Matute, J. Afonso, H. Messias, et al.

A reanalysis of ISO-SWS Jupiter observations using NEMESIS: first results

José Ribeiro, Pedro Machado, Santiago Pérez-Hoyos

Probing atmospheric gravity waves on mars' atmosphere using Mars express omega data

F. Brasil, P. Machado, G. Gilli, A. Cardesin-Moinelo, J. E. Silva, D. Espadinha, R. Rianco-Silva

A designer approach to $f(Q)$ and cosmological implications

Inês S. Albuquerque, Noemi Frusciante



IBEB - Institute of Biophysics and Biomedical Engineering

AI in Breast Cancer: From Diagnosis to Risk Prediction

João Mendes

Effect of intranasal oxytocin on central and autonomic neurocorrelates of social salience attribution: a pupillometry and eye-gaze study

Rafael Esteves

LIP - Laboratory of Instrumentation and Experimental Particle Physics

O grupo de dosimetria do LIP

Jorge Sampaio

Física Nuclear e de Partículas em Ciências

Daniel Galaviz

MATHEMATICAL SCIENCES

CEAUL - Centre of Statistics and its Applications

The role of Statistics in Science and Society: CEAUL's contributions

Vera Pinto, Iúri J.F. Correia, Carolina S. Marques, Tiago Marques, Lisete Sousa

A flexible parametric rate model for recurrent gap time data with shared inverse Gaussian frailty

Ivo Sousa-Ferreira, Cristina Rocha, Ana Maria Abreu

CEMAT - Center for Computational and Stochastic Mathematics

A stability criterion in the periodic prey-predator Lotka-Volterra model

Victor Ortega

CMAFcIO - Center for Mathematics, Fundamental Applications and Operations Research

Classification of radial stationary solutions to the Keller-Segel system

Jean-Baptiste Casteras

Enumeration of contact curves in projective spaces

Giosuè Muratore

Decidability of the Presburger Arithmetic

Maria Osório Costa



D-módulos e Aplicações do Functor de Conjugação Relativa

Duarte Costa

Compact formulations for the hamiltonian p -median problem

Francisco Canas

GFM - Group of Mathematical Physics of the University of Lisbon

Painlevé Transcendents: The Special Functions of our Century

Gabriele Degano

Stochastic Partial Differential Equations

Neeraj Bhauryal

LIFE SCIENCES

cE3c – Centre for Ecology, Evolution and Environmental Change

LTsER Montado Platform: contributing to Long Term Ecological Research in Europe

Inês T. do Rosário, Alice Nunes, Cristina Branquinho, Helena Serrano, Inês Domingues, Paula Gonçalves, Patrícia Garcia Pereira, Pedro Pinho, Rui Rebelo, Sandra Alcobia & Margarida Santos-Reis

Multiple mating rescues offspring sex ratio but not productivity in a haplodiploid exposed to developmental heat stress

Sofia G. Costa, Sara Magalhães & Leonor R. Rodrigues

Effects of groundwater changes on coastal dune Ecosystems

Cristina Antunes, Sergio Chozas, Mari-Cruz Diaz Barradas, Cristina Máguas & Joaquim Hortal

How do bryophytes respond to the effects of climate change on oceanic islands? Understanding sexuality to ensure conservation strategies in the face of global change

Anabela Martins, Susana Fontinha & Manuela Sim-Sim

Sustainability of Subterranean Ecosystems

Ana Sofia Reboleira, Rita Eusébio, Maria João Medina & Cláudia Duarte

Laminin 211 is required for cell proliferation and myoblast differentiation in mouse models for LAMA2-congenital muscular dystrophy

Susana Martins, Vanessa Ribeiro, Pedro Gameiro dos Santos, Ana Rita Soares, Catarina Melo, Fernanda Murtinheira, Federico Herrera, Rita Zilhão, Gabriela Rodrigues, Ana Rita Carlos & Sólveig Thorsteinsdóttir

Monitorizar, restaurar e adaptar os sistemas agro-florestais para aumentar a resiliência às alterações climáticas

Melanie Köbel, Adriana Príncipe, Bruna Reis, Inês Domingues, Alexandra Oliveira, Helena Serrano, Alice Nunes & Cristina Branquinho

Phenotypic plasticity in multifactorial environments

Patrícia Beldade



CESAM – Centre for Environmental and Marine Studies

*Spare a shrew's voice - make less noise. The effect of noise on twittering and stress in *Crocidura russula**

Maria da Conceição Forte, Rita I. Monarca, Sophie von Merten

Sperm shape abnormality assay in rodents: how many counts are too little (or too much)?

E. Cardoso, Maria da Luz Mathias, Rita I. Monarca, Sofia Gabriel

MARE – Center for Sea and Environment Sciences

ReefNets Project: Disentangling Anthropogenic Effects in Temperate Reef Networks

Miguel P. Pais, Marisa Batista, R.P. Vasconcelos, S.E. Tanner, F. Jordan, M. Coll, H. Hinz, M. Hidalgo, E.J. Gonçalves, S. Henriques

Ocean Governance and Sustainability

J. Guerreiro, F. Andrade, C. Frazão Santos, A. Ferreira, H. Calado, S. García-Morales, D. Abreu Santos, M. Fernandes

ChangingMoods: Ecology and evolution of sophisticated cognition within cleaning mutualisms

José Ricardo Paula

Science for fisheries management: taking the ecosystem into play

Alexandra A.Silva, Lisa Borges, Carla Gameiro, Susana Garrido, Dorota Szalaj, Rita Vasconcelos

Physical Oceanography Research at MARE

Joaquim Dias, Fátima Sousa, Paola Castellanos, Maria Cadima, André Grades, Filipa Viegas

Digital mapping of the intertidal zone of the Sado estuary: the seagrass priority habitat (SEBAS)

Ricardo Mendes, Ricardo Melo

Promoting Sustainable Marine Spatial Planning in Polar Regions

Catarina Frazão Santos, José C. Xavier, Rui Rosa, David Santos, Renuka Badhe, Elena Gissi, Tundi Agardy, Charles N. Ehler, Kevin A. Hughes, Susie M. Grant.

*Elemental fingerprinting of wild and farmed gilthead seabream *Sparus aurata* muscle towards product authentication and valuation.*

V.F. Fonseca, R. Mamede, I.A. Duarte, I. Caçador, P. Reis-Santos, R.P. Vasconcelos, C. Gameiro, P. Canada, P. Ré, S.E. Tanner, B. Duarte

Understanding the response of phytoplankton to climate change in the Antarctic Peninsula

Afonso Ferreira et al.

Potential first multi-specific shark nursery area in Atlantic Africa (Boa Vista Island, Cabo Verde)

Rui Rosa, Emanuel Nunes, Vasco Pissarra, Catarina Pereira Santos, Jaqueline Varela, José Ricardo Paula, Miguel Baptista, Tiago Repolho, Joana Castro, Rui Freitas, Catarina Frazão Santos

EARTH SCIENCES



IDL – Institute Dom Luiz

IODP na Antártida

Alina Schepetkina

Self-replicating subduction zone initiation by polarity reversal

Jaime Almeida

Hot and cold marine extreme events in the Mediterranean over the period 1982-2021

Amelie Simon, Ana Russo

Towards increasing the operational voltage window of aqueous supercapacitors through the passivation of carbon-based electrodes

Joao Baptista, Killian Lobato, et al.

n++ Gas Immersion Laser Doping of p++ Emitters in POCl₃ Atmosphere: Tuning Semiconductor Dopant Concentration and Formation of Crystalline Silicon Tunnel Junctions

Felipe Serra, Killian Lobato, et al.

Spatio-temporal evolution of the 2018 seismic sequences in São Jorge, Azores

Analdyne Soares, Susana Custódio

Fast-moving atmospheric source explains - The Honga tonga tsuanmi of 15 January 2022

Rachid Omira, Maria Ana Baptista, Miguel Miranda

Imaging the lithospheric structure of Portugal

Graça Silveira, Nuno Dias, Susana Custódio

Sustainable Exploration for orthomagmatic (critical) raw materials in the EU: charting the road to the green energy transition

Ana Patricia de Jesus

COMPUTER SCIENCE AND ENGINEERING

LASIGE – Computer Science and Engineering Research Centre

Safe WebSocket Communication on JavaScript via FreeST

Afonso Rafael, Bernardo Almeida, Guilherme Espada, Alcides Fonseca, Vasco Vasconcelos

Knowledge Graph-based Explanations for Biomedical Artificial Intelligence

Susana Nunes, Catia Pesquita

Digital Sensing in Parkinson's Disease

Diogo Branco, Raquel Bouça-Machado, Joana Chong, Leon Ingelse, Margarida Móteiro, Vitor Lobo

The CNS Physiotherapy Study group

Joaquim Ferreira, Tiago Guerreiro



Privacy-preserving Deanonimization of Dark Web Tor Onion Services for Criminal Investigations

Daniel Ângelo, Bernardo Ferreira

Building appliances energy performance assessment

Zygimantas Jasiunas, Pedro M. Ferreira, José Cecílio

MULTIDISCIPLINARY SCIENCE

BioISI – BioSystems & Integrative Sciences Institute

Modulation of HIV-1 replication and latency by miR-34c-5p

Cláudia Estima

Addressing the solvation and permeability of halogenated molecules using computational approaches: towards better drugs

Andreia Fortuna

EpiCORK - unveiling the role of DNA methylation in periderm formation

Raquel Santos

Functional characterization of Rare CFTR mutations and response to modulators is best assessed in both cellular and patient-derived models

Violeta Railean, Cláudia Rodrigues

Research on Protein Folding Diseases at the Protein Misfolding and Amyloids in Biomedicine Laboratory

Bárbara J. Henriques, Cláudio Gomes

BioISI Mass Facility - Overcoming Live Sciences Challenges through MixOmics

Ana Isabel Janeiro, Helena Gaspar

Personalized Medicine in Familial Hypercholesterolemia – diagnosis, stratification of cardiovascular disease risk and lipid therapy management

Joana Chora

Core-genome-based analytical pipeline for prediction of new markers to rapid identification of emerging Brucella species

Ana Cristina Ferreira

Mechanical properties of glial cells with cytoskeletal alterations related to the Autosomal Recessive Ataxia of Charlevoix-Saguenay (ARSACS)

Ana Sofia Boasinha, Fernanda Murtinheira, Tiago Robalo, Patricia Nascimento, Cláudio Gomes, Mario S. Rodrigues, Federico Herrera



HISTORY AND PHILOSOPHY OF SCIENCES

CFCUL - Centre for Philosophy of Science of the University of Lisbon

Philosophy of Biology & Philosophy of Mathematics. 2 Exploratory Projects at CFCUL

Daniele Molinini, Davide Vecchi, Silvia Di Marco

Self - consciousness and social interactions in humans and artificial agents

Anna Ciaunica, Angelia Caparco, Oscar Russo, Giulia Chiosini Hambsch

CIUHCT - Interuniversity Center for the History of Science and Technology

Making the Earth Global: Early Modern Nautical Rutters and the Construction of a Global Concept of the Earth

Henrique Leitão

Medea-Chart Project | The Medieval and Early Modern Nautical Chart: Birth, Evolution and Use

Joaquim Gaspar

HORTO AQUAM SALUTAREM. Water Wise Management in Gardens in the Early Modern Period

Ana Duarte Rodrigues

E3GLOBAL Einstein, Eddington and the Eclipse. A global history of the 1919 solar eclipse

Ana Simões

Ongoing projects led by CEEC researchers and hosted by CIUHCT

Jorge Flores, Maurizio Esposito, Cristina Luís, Samuel Gessner, Luís Tirapicos, Ignacio García-Pereda