

Celebrating the 20th anniversary of CICECO

CICECO TALKS

Building visions with echoes from
society



ABOUT THE EVENT

Perceive ideas from outside our scope can be the element that enhances us to see beyond the limits of our imagination.

This event intends to act as catalyst, fostering special thoughts from special people throughout 2022, both online and in person.

EVENT PROGRAM

Friday, 11 March 2022

Anfiteatro Carlos Borrego (Departamento de Ambiente, Building 7)

- | | |
|-------|--|
| 14:30 | Welcome & Introduction
Organizing Committee of CICECO Talks
Director and Former Director of CICECO |
| 14:45 | Prize “Concurso de Ideias Logótipo do CICECO – 20 anos” -
Fundação Jacqueline Dias de Sousa
Eng. Dias de Sousa |
| 15:15 | Musical Moment, João Seixo
The Night Flame – Johannes Moller (Guitar)
Masters Student in Music, University of Aveiro, DeCA |
| 15:25 | Session Chairs: João Coutinho, João Rocha |
| 15:30 | From seashells to self-organization in chemical reactions:
Adventures in electron microscopy
Keynote, Marc Georg Willinger
Scientific Center for Optical and Electron Microscopy, ETH Zurich |
| 16:00 | Materials chemistry routes to nanomaterials: my personal 20+ years
journey in the most beautiful places around Europe
Keynote, Nicola Pinna
Humboldt-Universität zu Berlin |
| 16:30 | Inspiring talks with the speakers |
| 17:00 | Coffee Time |

Wednesday, 23 March 2022

Anfiteatro Carlos Borrego (Departamento de Ambiente, Building 7)

Session Chairs: João Mano, Paula Ferreira, Joaquim Vieira

14:30

Welcome

Organizing Committee of CICECO Talks

Vice Director of CICECO

14:35

Hybrid and composite materials for acetic acid capture and cultural heritage protection

Keynote, Moisés Pinto

Department of Chemical Engineering, Instituto Superior Técnico
- ULisboa

15:05

3D Printed Porous Ceria Ceramics for Solar Thermochemical Production of Sustainable Fuels

Keynote, Robert Carlyle Pullar

Department of Molecular Sciences and Nanosystems, Ca' Foscari
University of Venice

15:35

An optimization problem - a trip down memory lane

Keynote, Sérgio Santos

Talkdesk, USA

16:05

Inspiring talks with the speakers

16:35

FunCeramics

Director, Paulo Sequeira

From the University to the Society: the practical example of
FunCeramics

17:00

Coffee Time

Wednesday, 6 April 2022

Anfiteatro Carlos Borrego (Departamento de Ambiente, Building 7)

- 14:30** **Welcome & Introduction**
Organizing Committee of CICECO Talks
Session Chairs: Paula Vilarinho, Rute Ferreira, Luis Carlos
- 14:35** **Active modulators of metal surface reactivity: from Corrosion Control to Primary Batteries**
Keynote, Mikhail Zheludkevich
Director of Institute of Surface Science, Helmholtz-Zentrum Hereon
- 15:05** **Carbon: films & flakes**
Keynote, Pedro Costa
Physical Science and Engineering Division, University of Science and Technology (KAUST)
- 15:35** **Inspiring talks with the speakers**
- 16:05** **Musical Moment, Francisco Pereira (accordion)**
Masters Student in Music Education, University of Aveiro, DeCA
J.S.Bach - Prelúdio e Fuga em Ré menor BWV 851
Franck Angelis - Romance
J.S.Bach - Fuga em Sol menor BWV 878
- 16:20** **Coffee Time**
Chairs: Vítor Gaspar, Cláudia Nunes
- 16:50** **How can we use social networks to promote science?**
Rute Pereira
CICECO, PhD student
Chairs: João Carvalho, Sara Santos (CAD CICECO)
- 18:15** **Toastmasters - Workshop in public speaking and pitch making**

Wednesday, 27 April 2022

Auditório Renato Araújo (UA Rectory Building 25)

- 14:30** **Welcome & Introduction**
Organizing Committee of CICECO Talks
Director of CICECO
Session Chairs: João Rocha, Maria Helena Fernandes
- 14:45** **Quando a ciência se torna uma arte/When Science becomes art**
Nuno Maulide (*on the piano*)
Faculty of Chemistry, University of Vienna
- 15:45** Inspiring talks with Nuno Maulide
- 16:10** **Coffee Time**
Session Chair: Helder Fachinha (DeCA)
- 16:40** **Session Pitch Workshop Science Communication – The art of communicating**
- 17:10** **SciCom in practice: approaches implemented at Fábrica Science Center**
Pedro Pombo
Director of Fábrica Centro Ciência Viva de Aveiro
- 17:40** **Closing Remarks**

Thursday, 26 May 2022

Auditório Renato Araújo (UA Rectory Building 25)

- 14:30** **Welcome & Introduction**
Organizing Committee of CICECO Talks
Director of CICECO

Session Chairs: João Coutinho, Maria Helena Fernandes
- 14:45** **Materializing beyond imagination**
Joana Vasconcelos
Portugal's best known contemporary artist
- 15:30** **Mariana Miguel (pianist, materials)**
LAMCI-CESEM, NOVA FCSH.
Escola de Música de Aveiro
- 15:50** **Closing session**
- 16:00** **Coffee Time**

ACKNOWLEDGEMENTS

This event was developed within the scope of the project CICECO-Aveiro Institute of Materials, UIDB/50011/2020 & UIDP/50011/2020, financed by national funds through the FCT/MEC and when appropriate co-financed by FEDER under the PT2020 Partnership Agreement.