

2014

International Year of Crystallography



April

13:30 / Wednesday / 2

Opening Session (Maria João Romão)

Claude Lecomte | Vice-President of IUCr, France
International Year of Crystallography: The IUCr UNESCO projects

Maria Ondina Figueiredo | CENIMAT-FCT-UNL, Portugal
CRYSTALS: form, metrics, symmetry, atomistic in the perspective of materials

Maria Arménia Carrondo | ITQB-UNL, Portugal
Structural Biology Contribution to New Advances in Science.
The Portuguese Case

Porto de Honra

12:00 / Wednesday / 16

Marine Cotte | ESRF, France
Crystallography in the studies of art and historical artifacts

12:00 / Wednesday / 30

Noam Adir | Technion - Israel Institute of Technology, Israel
Don't ever give up: unique solutions to unique problems in macromolecular crystallography

May

12:00 / Wednesday / 14

Margarida Archer | Macromolecular Crystallography Unit, ITQB, Portugal
Structure and function of membrane proteins

12:00 / Wednesday / 28

João Cabral | Institute for Molecular and Cell Biology, IBMC, Portugal
A molecular study of a component of the bacterial machinery involved in hyperosmotic adaptation

June

12:00 / Wednesday / 11

Giuseppina Padeletti | Institute of Nanostructured Materials, CNR, Italy
Significant findings on the Italian lusted majolica at Renaissance

12:00 / Wednesday / 18

Jorge Figueiras | Centro de Recursos Minerais, Mineralogia e Cristalografia (CREMINER), FCUL, Portugal
Sistemas cristalográficos: 6, 7 ou infinitos?

17:00 / Monday / 23

(session sponsored by Rigaku)

Robert Huber (Nobel Laureate, FMRS and UNL Honoris Causa)
Max Planck Institute of Biochemistry, Germany
Beauty and Fitness for Purpose: the architecture of proteins, the building blocks of life

September

12:00 / Wednesday / 17

Raquel Gonçalves-Maia | FCUL, Portugal
Dos Raios-X à Estrutura Biomolecular: uma perspectiva histórica

October

12:00 / Wednesday / 1

Guenter Schwarz | Institute for Biochemistry - University of Cologne, Germany
Structure and Function of sulfite oxidase enzymes in health and disease

12:00 / Wednesday / 8

João Miguel Dias | Heptares, UK
Revolutionising GPCR crystallography and implications for structure-based drug discovery

12:00 / Wednesday / 15

Sandra Macedo Ribeiro | Institute for Molecular and Cell Biology, IBMC, Portugal
Ser or Leu? The structural basis of a genetic code alteration in *Candida albicans*

12:00 / Wednesday / 29

(session sponsored by Dias-de-Sousa, S.A.)

Teresa Leal Duarte | IST, Universidade de Lisboa, Portugal
Unveiling a new world of pharmaceuticals and bioinspired frameworks

November

12:00 / Wednesday / 12

Sakura Pascarelli | ESRF, France
Investigating Extreme States of Matter by X-ray Absorption Spectroscopy

12:00 / Wednesday / 26

(session sponsored by Dias-de-Sousa, S.A.)

João Rocha | CICECO, Universidade de Aveiro, Portugal
Materials and Crystallography: a personal travel guide

December

12:00 / Wednesday / 3

(session sponsored by Bruker)

Sir Tom Blundell (FRS, FMedSci) | University of Cambridge, UK
Genomes, Crystallography and Drug Discovery: Fighting Resistance in Cancer and Tuberculosis

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