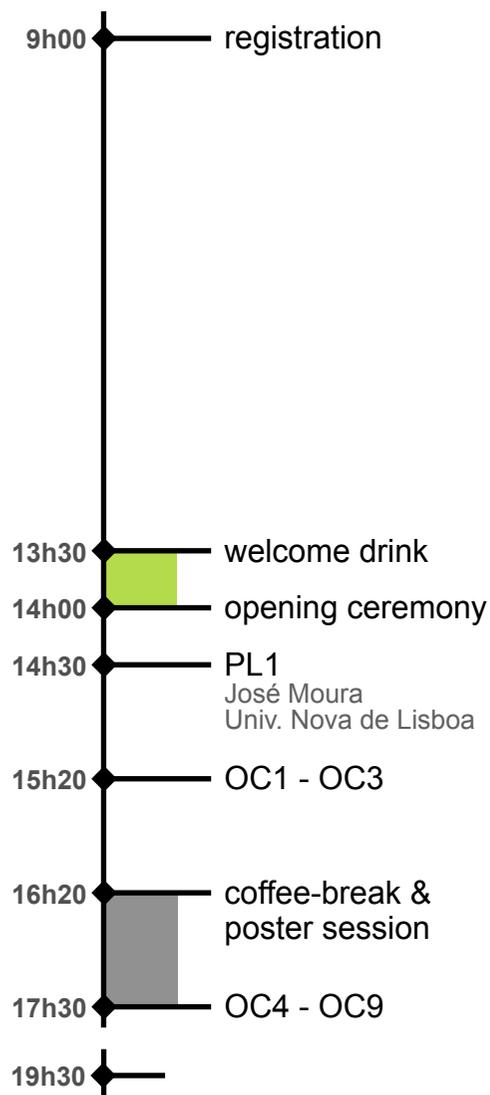
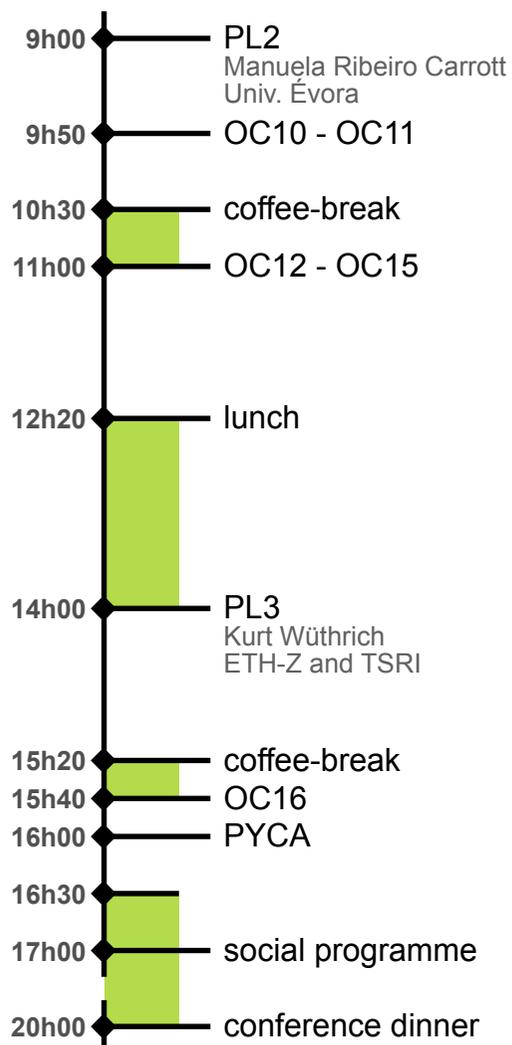


# programme

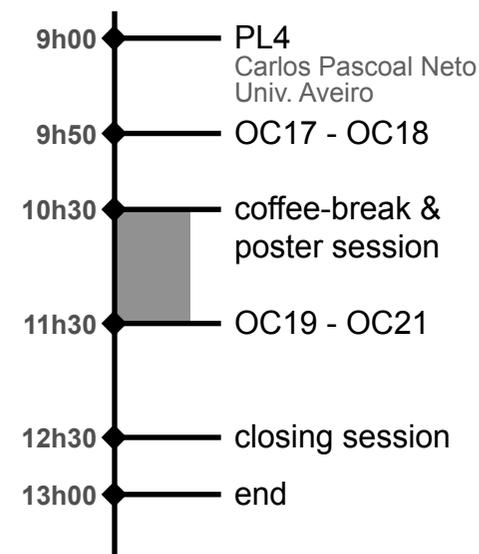
21<sup>st</sup> april  
wednesday



22<sup>nd</sup> april  
thursday



23<sup>rd</sup> april  
friday



## plenary lectures

### **PL1 | Coordination chemistry working for biology: enzymatic activity mastered by altering metal environment**

José Moura | universidade nova de lisboa

### **PL2 | Templated mesoporous materials: expectations, facts and challenges**

Manuela Ribeiro Carrott | universidade de évora

### **PL3 | The protein universe: structural biology in the post-genomic era**

Kurt Wüthrich | the scripps research institute, USA | ETH-Zürich

### **PL4 | New materials from renewable resources**

Carlos Pascoal Neto | universidade de aveiro

## oral communications

### **OC1 | Synthesis of new bipyrrrole derivatives by a double aza-Michael addition reaction**

Flávio Figueira | universidade de aveiro

### **OC2 | Tomato (*Lycopersicon esculentum*) seeds: new flavonoids**

Marcos Taveira | REQUIMTE, universidade do porto

### **OC3 | Biomarker profiles in lung cancer by NMR-metabonomics of blood plasma and urine**

Cláudia Rocha | CICECO, universidade de aveiro

### **OC4 | New synthetic approaches using microwave radiation**

Mafalda Paiva | universidade do porto

### **OC5 | Use of high pressure to increase the content of xanthohumol in beer wort**

Mickael da C. Santos | universidade de aveiro

**OC6 | Supercritical carbon dioxide effect on the microbiological activity of antibiotic micro/nanoparticles**

Kevin Bettencourt | iMed.UL, universidade de lisboa

**OC7 | One-pot condensation-cyclization approach for the synthesis of 12*H*-chromeno[2',3':4,5]imidazo[1,2-*a*]pyridine**

Marta Costa | universidade do minho

**OC8 | Chemical skin penetration enhancers: interaction with lipid membranes**

João A. S. Almeida | universidade de coimbra

**OC9 | Through the history of the carbene complexes: from 1915 to our days**

Konstantin V. Luzyanin | CQE, instituto superior técnico | st. petersburg state university

**OC10 | Luminescent polyoxometalates encapsulated in silica nanoparticles**

Carlos M. Granadeiro | CICECO, universidade de aveiro

**OC11 | Ruthenium and palladium dinuclear OPE and OTE rods for nanoelectronic applications**

João Figueira | LQCMM/MMRG, universidade da madeira

**OC12 | Bischlorocopper(II) modified mesoporous materials: synthesis, characterization and catalytic oxidation of ethylbenzene**

Sofia M. Bruno | CICECO, universidade de aveiro

**OC13 | Behavior of ruthenium amine complexes and their interactions with DNA purines within nanoporous silica matrices**

Luís M. F. Lopes | CQFM and IN, instituto superior técnico

**OC14 | Synthesis and coordination chemistry of the sterically hindered scorpionate ligand Li[Tpms<sup>Ph</sup>] towards Ni<sup>II</sup>, Zn<sup>II</sup> and Cu<sup>II</sup> metal centres**

Bruno G. M. Rocha | CQE, instituto superior técnico

**OC15 | Synthesis and film formation of hybrid silica-polymer nanoparticles for imaging and advanced coatings**

Tânia Ribeiro | CQFM, instituto superior técnico

**OC16 | Creating bases for future investigation: the e-lab generation**

Sérgio C. Leal | faculdade de ciências, universidade de lisboa

**OC17 | Olive stone as a renewable source of biopolyols**

Marina Matos | CICECO, universidade de aveiro

**OC18 | Evaluation of thin mercury film rotating disc electrode to perform Absence of Gradients and Nernstian Equilibrium Stripping (AGNES) measurements**

Luciana S. Rocha | CICECO, universidade de aveiro

**OC19 | Synthesis and properties of new luminol derivatives: study of the oxidation mechanism**

Filipe M. C. Menezes | CQFM and IN, instituto superior técnico

**OC20 | Assessment of the energetic effect of the oxygen by sulfur substitution in hetero(poly)cyclic compounds**

Vera L. S. Freitas | CIQ, universidade do porto

**OC21 | A photoacid for the longest reversible pH jump**

Rui M. D. Nunes | universidade de coimbra

## Notes

**PYCA** - Portuguese Young Chemists Award

**PL** - Plenary lecture (40 minutes presentation + 10 minutes for discussion)

**OC** - Oral communications (12 minutes presentation + 3 minutes for discussion)