

26th April

9h00-12h00	Registration	<p align="center">Workshop</p> <p align="center">OPEN SCIENCE AND EUROPEAN OPEN ACCESS POLICIES IN H2020</p> <p align="center">What could Open Science mean for Chemistry? - Simon Coles - University of Southampton</p> <p align="center">Open Access to Publications in H2020 - Pedro Príncipe - Universidade do Minho</p> <p align="center">Research Data Management - Joy Davidson - Digital Curation Centre</p>
13h10		<p align="center"><u>Opening Ceremony</u></p> <p align="center">Dr. Artur Silva - SPQ Vice President Member of the Organizing Committee Member of the Guimarães City Hall Member of the Portuguese Presidency</p>
13h40	<p align="center">Green Chemistry + Chemistry of Natural Products</p> <p align="center">Chair: Dr. Isabel Ferreira Young chair: Emanuel Capela</p>	<p align="center">PL1 - Martyn Poliakoff (50+10) “Towards Greener Photochemistry”</p>
14h40		<p align="center">IL1 - José Esperança (30+5) “Ionic liquids under common and sometimes not-so-common conditions”</p>
15h15		<p>OP1- Catalytic hydrogenolysis of cellobiose into hexitols over Ru/Al-MCM48 Alberto Romero Camacho (10+5)</p>
15h30		<p>OP2- Purification of phenolic compounds from Salicornia ramosíssima Cláudia Isabel Rodrigues Martins (10+5)</p>
15h45		<p>OP3- Direct Alkylation of Amines with Alcohols in Water Catalyzed by Organometallic Iridium Complexes Ana Elisabete da Silva Fernandes (10+5)</p>
16h00		<p>OP4- Green and traditional solvents as a medium of synthesis of unsaturated organometalloids Jakub Szyling (10+5)</p>
16h15		<p align="center">Coffee break</p>
16h45		<p align="center">Green Chemistry + Chemistry of Natural Products</p> <p align="center">Chair: Dr. José Esperança Young chair: Cristina Caleja</p>
17h20	<p>OP5- Magnetic recyclable functionalized magnetite as nanocatalysts for green oxidative reactions Nuno Miguel Rodrigues Martins (10+5)</p>	
17h35	<p>OP6- Synthesis of new alkenyl-substituted silsesquioxanes and spherosilicates by hydrosilylation reaction in conventional and non-conventional (scCO₂, PEG, IL) solvents Kinga Stefanowska (10+5)</p>	
17h50	<p>OP7- Liquid formulation of resveratrol in β-glucans against B. Cinérea Marta Salgado Díez (10+5)</p>	

18h05		OP8- Dietary supplements based on borututu: which is the most suitable choice for bioactive purposes? Carla Susana Correia Pereira (10+5)
18h20		OP9- Looking for new answers based on natural products for solving bacterial resistance problems Diogo Maria Trindade Fonseca Magalhães e Silva (10+5)
18h35		IL3 - Isabel Ferreira (30+5) “Physical and chemical food processing methods: case studies with matrices from Northeast Portugal”
19h00		Welcome Cocktail
		Get-together night

27th April

8h30	<p style="text-align: center;">Organic Chemistry + Medicinal Chemistry</p> <p style="text-align: center;">Chair: Dr. Fernanda Proença Young chair: Raquel Ribeiro Seixas</p>	<p style="text-align: center;">PL2 - Nuno Maulide (50+10) “Organic synthesis with rearrangements: catalysis of unusual bond forming reactions”</p>
09h30		<p>OP11- Novel Metal-Free Approach to Promising COX-2 Inhibitors via Bronsted Acids-Catalyzed Decomposition of Diazofuranones Dmitrii Semenok (10+5)</p>
09h45		<p>OP12- Luminescent Boranils and Boron-diketonates Samuel Guieu (10+5)</p>
10h00		<p>OP13- Synthesis of copper(II) complexes of arylhydrazones and their application as catalysts in oxidation of cycloalkanes in different media Gonçalo Antunes de Oliveira Tiago (10+5)</p>
10h15		<p>OP14- A novel strategy towards a regioselective one-pot synthesis of azaindoles Marina Joana Dias Pires (10+5)</p>
10h30		<p>OP15- Functionalization of Internal Alkynes: A New Approach to 1,2-Disubstituted Cyclopentadienes Nikola Topolovcan (10+5)</p>
10h45		<p style="text-align: center;">Coffee break + Poster session</p>
11h15	<p style="text-align: center;">Organic Chemistry + Medicinal Chemistry</p> <p style="text-align: center;">Chair: Dr. Armando Silvestre Young Chair: Sílvia Domingos Fernandes</p>	<p style="text-align: center;">IL4 - Artur Silva (30+5) “Greener heating methods in the synthesis of biologically active heterocyclic compounds”</p>
11h50		<p>OP16 - Application of Cinchona-alkaloids Organocatalysts in a Novel and Efficient Synthetic Pathway to Rivastigmine Sílvia Domingos Fernandes (10+5)</p>
12h05		<p>OP17- Modular Oxindole Synthesis – a General an Efficient Rhodium-Catalysed Addition of Arylboronic Acids to Isatin-Derived N-Boc-Protected Carolina Silva Marques (10+5)</p>
12h20		<p>OP18- Iridium Catalyzed Asymmetric Hydrogenation of Quinoline and Quinoxaline Derivatives Tahar Ayad (10+5)</p>
12h35		<p>OP19- Novel Fluorescent Organic Salts based on Cationic or Anionic Dyes Andreia Sofia de Almeida Baptista Forte (10+5)</p>
12h50		<p>OP20- Candidacidal potential of licorice phenolic extract: emphasis on its mode of action Natália Ana Pereira da Cruz Martins (10+5)</p>
13h05		<p>OP21- Development of Integrated Systems for Extraction and Purification of Monoclonal Antibodies directly from CHO Cell Cultures Emanuel Augusto Vieira Capela (10+5)</p>
13h20	<p style="text-align: center;">Lunch</p>	

14h20	<p style="text-align: center;">Biochemistry + Medicinal Chemistry</p> <p style="text-align: center;">Chair: Dr. Vítor Gaspar Young chair: Filipa João Fernandes Gomes</p>	<p style="text-align: center;">PL3 - Helder Santos (50+10) "Bridging between engineering and medicine – Current applications of nanomedicines for cancer, diabetes and cardiovascular diseases"</p>
15h20		<p>OP22- Development of new anti-bacterial agents Carolina dos Santos Vinagreiro (10+5)</p>
15h35		<p>OP23- Synthesis of Anticancer Symmetric Bis(N-alkylaniline)triarylmethanes via Friedel-Crafts-Catalyzed Reaction between Secondary Anilines Rafael Filipe Teixeira Arbuéz Goems (10+5)</p>
15h50		<p>OP24- Identification of Inhibitors and Mechanisms of Inhibition of Protein Tyrosine Phosphatases – Potential Therapeutical Targets in Various Pathological Disorders Kuban-Jankowska Alicja (10+5)</p>
16h05		<p>OP25- Anticancer activity and molecular signalling of potent chemotherapeutics- 2-methoxyestradiol and fulvestrant in therapy of osteosarcoma Magdalena Gorska (10+5)</p>
16h20		<p>OP26- Action of new porphyrin conjugates with potential anti-malaria activity on membranes Sofia Inês Leal Duarte (10+5)</p>
16h35		<p>OP10- Self-assembled polymer-metal micelles: new promising anticancer agentes Leonor de Sá Nogueira Côrte-Real (10+5)</p>
16h50		<p style="text-align: center;">PYCA Award (10+5)</p>
17h05		<p style="text-align: center;">IL5 - Maria João Moreno (30 + 5) "Importance of passive processes in cholesterol homeostasis - absorption at the intestine and distribution in the blood"</p>
17h35		<p style="text-align: center;">Coffee Break + Poster Session</p>
18h00		<p style="text-align: center;">Walking Tour</p>

28th April

9h00	<p>Inorganic chemistry + Physical chemistry + Analytical chemistry + Electrochemistry</p> <p>Chair: Dra. Fátima Bento Young chair: Cátia Santos Moreira</p>	<p>PL4 - Ei-ichi Negish Nobel Prize in Chemistry 2010 (50+10) “Magical Power of d-Block Transition Metals as Catalysts for Organic Synthesis: Principles and Examples”</p>
10h00		<p>IL6 - Edward Matthijs (30+5) “Electrodeposition of copper-zinc-tin alloys from pyrophosphate electrolytes followed by selenization for CZTSe photovoltaics”</p>
10h35		<p>OP27- Micro- and Nano-Sized Lanthanide-Organic Frameworks: Photoluminescent and Catalytic Materials Sérgio Manuel Felipe Vilela (10+5)</p>
10h50		<p>OP28- Density Functional Theory calculation for direct transition mechanism for Molecular Diffusion in type I gas hydrates Ángel Vidal Vidal (10+5)</p>
11h05		<p>Coffee break + Poster Session</p>
11h35	<p>Inorganic chemistry + Physical chemistry + Analytical chemistry + Electrochemistry</p> <p>Chair: Dr. Edward Matthijs Young chair: Sebastian Sobottka</p>	<p>OP29- Optimization of Reaction Parameters for the Electrochemical Synthesis of Silver Sub-nanometric Naked Clusters Jose Manuel Blanco Trillo (10+5)</p>
11h50		<p>OP30- Crocin and β-Carotene Bleaching Assays as Analytical Tools in the Optimization of the Extraction of Hydrophilic and Lipophilic Antioxidants from Tomato José Virgílio Santulhão Pinela (10+5)</p>
12h05		<p>OP31- Chemical characterization of malodors of an animal by-products processing industry Hugo Miguel Rodrigues Cunha Oliveira (10+5)</p>
12h20		<p>OP32- Determination of ammoniacal nitrogen in silages using gas-diffusion microextraction (GDME) and fluorimetric detection Inês Maria Afonso Valente (10+5)</p>
12h35		<p>OP33- Development of an ethambutol sensor based on electrochemistry Rosa Alexandrina de Sousa Couto (10+5)</p>
12h50		<p>OP34- One-pot synthesis of reduced graphene oxide/Co₃O₄ nanograins for electrochemical detection of dopamine in the presence of uric acid, glucose and ascorbic acid Numan Arshid (10+5)</p>
13h05		<p>OP35- Automated cytochrome c oxidase bioassay developed for ionic liquids' toxicity assessment Susana Patrícia Fontes da Costa (10+5)</p>
13h20		<p>Lunch</p>

14h20	<p>CHEM2NATURE's Symposium: "Chemical strategies for the modification of natural origin materials"</p> <p>Chair: Professor João F. Mano Chair: Dr. Ricardo Pires</p>	<p>IL7 - Berit L. Strand (30+5) "Chemoenzymatic modification of alginates for tissue engineering applications"</p>
14h55		<p>IL8 - Thomas Groth (30+5) "Surface modifications with glycosaminoglycans - from control of cell adhesion to cell differentiation and anti-inflammatory activity"</p>
15h30		<p>OP36- Mechanically Reinforced Hydrogel Fibers for Tendon Tissue Engineering Raquel Carvalho de Ferreira Costa e Almeida (10+5)</p>
15h45		<p>OP37- Anticancer activity of extracts of sea anemones in human gastric adenocarcinoma cells Tânia da Costa e Silva (10+5)</p>
16h15		<p>IL9 - Laura Cipolla (30+5) "Glycomics at the Interface: Synthesis and Biological Properties of Carbohydrate-modified biomaterials"</p>
16h30		<p>Coffee Break + Poster Session</p>
18h00		<p>Assembleia GQJ</p>
19h30		<p>Congress dinner</p>

29th April

9h00	<p>Materials chemistry and Nanomaterials + Surface chemistry and Interfaces</p> <p>Chair: Professor Buddy Ratner Young chair: Maria José Bastos Pires de Lima</p>	<p>PL5 - Peter Seeberger (50+10) "Preventing and Fighting Infectious Diseases: Carbohydrate Vaccines and Flow Chemistry"</p>
10h00		<p>IL10 - Radim Hrdina (30+5) "Novel Polysaccharide Fibres"</p>
10h35		<p>OP38- Novel pharmaceutical vehicle for paclitaxel: taking advantage of nanocarriers with increased lipid content for encapsulation of lipophilic drugs Ana Margarida Moura Pereira Ferreira Carvalho (10+5)</p>
10h50		<p>OP39- Benchmarking Particle Engineering Technologies for Pulmonary Drug Delivery Cláudia Consuelo Vieira Reis Leite Moura (10+5)</p>
11h05		<p>Coffee break + Poster Session</p>
11h35	<p>Materials chemistry and Nanomaterials + Surface chemistry and Interfaces</p> <p>Chair: Dr. Iva Pashkuleva Young chair: Ana Margarida Costa</p>	<p>OP40- Obtaining and Characterization of Nanocomposite Material Based on Silica, Polysaccharide and Lidocaine Dudik Olesia (10+5)</p>
11h50		<p>OP41- Silica aerogels; alternative matrix for catalytic palladium nanoparticles Luis Miguel Sanz Moral (10+5)</p>
12h05		<p>OP42- Photocatalytic synthesis of benzaldehyde using g-C₃N₄ based catalysts Maria José Bastos Pires de Lima (10+5)</p>
12h20		<p>OP43-Photocatalytic and reusability properties of new silver nanoparticles-titanate nanotubular composites for phenol photodegradation Beatriz Trindade Martins Vidigal Barrocas (10+5)</p>
12h35		<p>OP44- Iron Oxide Nanoparticles with Glucosamine-Modified Coating for Highly Efficient Labelling of Mesenchymal Stem Cells Noelia Guldris (10+5)</p>
12h50		<p>OP45- Potentiodynamic cathodic and anodic polypyrrole electrodepositions. Theoretic and experimental comparations Volodymyr Tkach (10+5)</p>
13h05		<p>Lunch</p>
14h05	<p>PL6 - Buddy Ratner (50+10) "The Biocompatibility Manifesto: A Challenge For Polymer Chemists and Materials Scientists"</p>	

15h05	Materials chemistry and Nanomaterials + Surface chemistry and Interfaces Chair: Professor Radim Hrdina Young chair: Daria P. Stepanova	OP46- Multi-stimuli micellisation of smart hydrophilic block copolymers: from surface chemistry to drug delivery Emílio Vázquez Lage (10+5)
15h20		OP47- Band bending in Au/BaTiO ₃ and Cu/BaTiO ₃ systems investigated by X-ray photoelectron spectroscopy Dana Georgeta Popescu (10+5)
15h35		OP48- Ionic Liquids at the interface: think nanoscale! Ana Francisca de Sousa Marques Gonçalves Coelho (10+5)
15h50		Coffee break + Poster Session
16h20		Open session: Challenges and opportunities for better partnership between academia and industry.
17h20		Norleq Prize Giving Best Poster Presentation Best Oral Presentation Closing ceremony

Poster sessions will be divided by topics:

27th April –

Chemistry of Natural Products
Organic Chemistry
Medicinal Chemistry

28th April –

Analytical Chemistry
Computational Chemistry
Electrochemistry
Inorganic Chemistry
Physical Chemistry
Others

29th April –

Teaching and Disseminating Chemistry
Surface Chemistry and Interfaces
Polymer Chemistry
Materials Chemistry and Nanomaterials
Biochemistry
Green Chemistry

For display, posters should be set up onto the allocated boards at 8:00am - 9:30am on the day of the presentation and should be removed at the end of each day (around 8:00pm) to allow the posters corresponding to the next day to be set up.

Maximum poster size should be 91 cm (36 inches) width x 155 cm (61 inches) height in portrait orientation to fit in the available poster boards. Smaller sizes are also allowed.