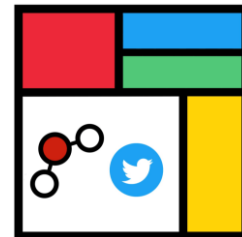


CQE Days 2020 Spring Meeting



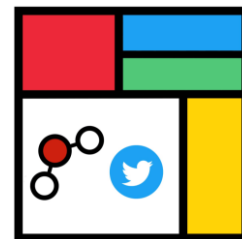
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Final Program

May 28 | Thursday

| | | |
|---------------|---|--|
| 09h50 - 10h00 | Opening =Zoom Session= | José Nuno Canongia-Lopes @jnlopestecnico1 |
| 10h00 - 10h40 | Biological Chemistry #CQEBiolChem Andreia Valente @AValente_CQE =Zoom Session= | Poster Presentations: Catia Marques Marta Alves Pedro Franco Pinheiro Rui Correia |
| 11h00 - 11h40 | Coordination Chemistry #CQECoordChem Leonor Maria @leonorjmaria =Zoom Session= | Poster Presentations: Inês Matias Manas Sutradhar Nádia Ribeiro Sandrina Simões |
| 12h00 - 12h40 | Environmental Chemistry #CQEEnvChem João Canário @JooCanrio3 =Zoom Session= | Poster Presentations: Carlos Borges Diogo Ferreira Vanessa Morgado Virginia Ferreira |
| 14h00 - 14h40 | Physical Chemistry #CQEPhysChem Bernardo Monteiro @Bernardo_RBM =Zoom Session= | Poster Presentations: José Gonçalves Inês Feliciano Laurinda Areias Patricia Pereira |
| 15h00 - 15h40 | Catalysis #CQECat Marta Andrade @martandrade77 =Zoom Session= | Poster Presentations: Beatriz Barrocas Cátia Costa Joana Martinho Tiago Duarte |
| 16h00 - 16h40 | Electrochemistry #CQEElectroChem Ana Viana @AnapgsViana =Zoom Session= | Poster Presentations: Daniel Santos Lénia Calado Mário Almeida Mafalda Macatrão |

CQE Days 2020 Spring Meeting

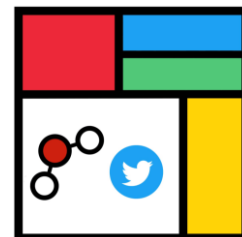


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Final Program

May 29 | Friday

| | | |
|---------------|---|---|
| 10h00 - 10h40 | Medicinal Chemistry #CQEMedChem Vânia André @vaniandrePT =Zoom Session= | Poster Presentations: Diana Silva Ricardo Teixeira Rosana Pinto Tiago Fernandes |
| 11h00 - 11h40 | Green Chemistry #CQEGreenChem Olinda Monteiro @OlindaCMonteiro =Zoom Session= | Poster Presentations: Ana Mestre Joana Brás Paula Alves Teresa Nogueira |
| 12h00 - 12h40 | Computational Chemistry #CQECompChem Karina Shimizu @kashimizu =Zoom Session= | Poster Presentations: Fernando Santos Pedro Silva Tiago Eusébio |
| 14h00 - 14h40 | Energy #CQEEnergy Paula Teixeira @Paula__Teixeira =Zoom Session= | Poster Presentations: Ana Cristino Carmen Bacariza Márcia Ribeiro Maryna Taryba |
| 15h00 - 15h40 | Photochemistry #CQEPhotoChem Pedro Paulo @pedrowavespaulo =Zoom Session= | Poster Presentations: Bárbara Casteleiro Ermelinda Maços Inês Mariz Gonçalo Carvalhão |
| 16h40 - 17h20 | Thermodynamics #CQEThermo Carlos Bernardes @CESBernardes =Zoom Session= | Poster Presentations: João Paulo Leal M. Soledade Santos M. Teresa Viciosa Xavier Paredes |
| 17h20 - 17h30 | Awards Closing =Zoom Session= | |

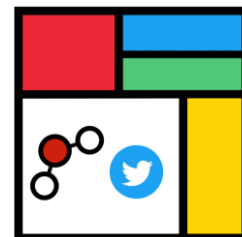


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Final Program

Poster Presentations

| | | | |
|--------------------|----------------------------------|--|-----------------------|
| Ana Cristino | @afcristino | New life for crude oil glycerol and waste cooking oil | Tweet |
| Ana Mestre | @AnaSMestre | Low temperature activated hydrochars for the determination of pharmaceutical compounds by bar adsorptive microextraction | Tweet |
| Barbara Casteleiro | @ba_casteleiro | Enlightening the future of photoluminescent probes: Gold Nanoclusters in Polymer Nanoparticles. | Tweet |
| Beatriz Barrocas | @BarrocasBeatriz | Pharmaceutical and personal care products photodegradation with novel metal modified titanate nanowires | Tweet |
| Carlos Borges | @MEChem2019 | Determination of river composition trends uncertainty | Tweet |
| Carmen Bacariza | @CarmenBacariza | Power-To-Gas: A mission for Ni/Zeolites | Tweet |
| Ctia Costa | @Catia_Costa12 | Plastic2fuels: An application of Model-Free Methods to determine the activation energy of the process | Tweet |
| Catia Marques | @CatiaF_Marques | Metabolism and metabolomics studies as a strategy to explain montelukast-induced adverse neuropsychiatric reactions | Tweet |
| Daniel Santos | @DanielRbenSant1 | Mass transfer fingerprint of flexible polymeric cathodes for sodium-ion batteries | Tweet |
| Diana Silva | @DianaSi22437103 | Imprinted hydrogels with LbL coating for dual drug release from soft contact lenses materials | Tweet |
| Diogo Ferreira | @diogo_folhas | Structural characterization of dissolved organic matter (DOM) from thermokarst lakes in permafrost regions | Tweet |
| Ermelinda Maoas | @ErmelindaMacoas | Two-photon absorption enhancement in distorted nanographene ribbons | Tweet |
| Fernando Santos | @FernandoJVSant2 | Modelling Ionic Liquids Based Mixtures for Absorption Refrigeration | Tweet |
| Gonalo Carvalho | @GCarvalho | Towards cationic self-assembled polymeric single-chain nanoparticles with regenerative medicine potential | Tweet |
| Ines Feliciano | @InsFeliciano4 | Development of a Calorimetric Cell for Dissolution Studies in an Isothermal Microcalorimeter | Tweet |
| Ines Mariz | @MarizInes | Simple perylene diimide cyclohexane derivative with combined CPL and TPA properties | Tweet |

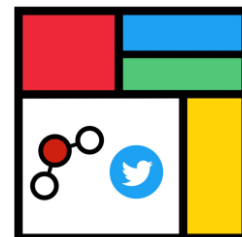


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Final Program

Poster Presentations

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|--------------------|----------------------------------|---|-----------------------|
| Inês Matias | @InsMatias18 | Core-Shell@Fe Scorpionate as catalyst in 1-phenylethanol oxidation | Tweet |
| Joana Brás | @Joanamnbras | Sustainable synthesis of Metal-Organic Frameworks (MOFs) and their application as dynamic catalysts | Tweet |
| Joana Martinho | @jfilipapm | Cobalt-based catalysts for CO ₂ hydrogenation | Tweet |
| João Paulo Leal | @JooPauloLeal13 | Rare earth recovery using membranes with ionic liquids | Tweet |
| José Gonçalves | @JoseMartins94 | Smart hybrid nanocarrier for modulated pH-actuated cargo release | Tweet |
| Laurinda Areias | @AreiasLaurinda | Photonic pigments by controlled colloidal assembly | Tweet |
| Lénia Calado | @LeniaCalado | Cerium Organophosphate as Smart, Self-healing Corrosion Inhibitors for AZ31 Magnesium Alloy | Tweet |
| M. Soledade Santos | @mssanto31675519 | Lipophilicity of isoniazid derivatives, active against Mycobacterium tuberculosis | Tweet |
| M. Teresa Viciosa | @MtvTecnico | Exploring the amorphous state of carvedilol | Tweet |
| Mafalda Macatrão | @MacatraoMafalda | Novel Cu-Fe-X (X = Co, Ni) Nanostructured Metallic Foams for Supercapacitor Applications | Tweet |
| Manas Sutradhar | @manaschem | Oxidovanadium(V) complexes in the catalytic oxidation of cyclohexane | Tweet |
| Márcia Ribeiro | @MarciaAlmeidaR | New photoactive metal-organic frameworks for energy applications | Tweet |
| Mário Almeida | @madeiralmeida | Novel pseudocapacitive materials for electrochemical energy storage | Tweet |
| Marta Alves | @martaMalves | The amazing possibility of using metallic absorbable implant materials for bone healing can be further improve with functional coatings | Tweet |
| Maryna Taryba | @MTaryba | Enhancement of micro-scale electrochemical approach: from corrosion to energy storage | Tweet |
| Nádia Ribeiro | @nadia_cqebioin | Reduced Schiff base-aminoacid complexes as potential anticancer agents | Tweet |



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Final Program

Poster Presentations

| | | | |
|-----------------------|-----------------------------------|---|-----------------------|
| Patricia Pereira | @patricia6manson | Can charges control diameters? | Tweet |
| Paula Alves | @PaulaCAlves1 | Antimicrobial drug coordination frameworks towards improved activity via mechanochemistry | Tweet |
| Pedro Franco Pinheiro | @pfrancopinheiro | Triggering a specific immune response against cancer by activating Natural Killer cells with a small organic molecule. | Tweet |
| Pedro Silva | @PedroSi32344273 | Self-assembled hemimicelles of semifluorinated alkanes: experiment and MD simulation | Tweet |
| Ricardo Teixeira | @RGTeixeira_ | Ruthenacarboranes complexes bearing <i>N,N</i> -ligands for potential bimodal therapy application | Tweet |
| Rosana Pinto | @rosanaa_pinto | A Robust Ti-based Metal Organic Framework as an NO Carrier for the Control of Biological Functions | Tweet |
| Rui Correia | @ruidcorreia | Construction of a specific immunosensing nanostructured interface | Tweet |
| Sandrina Simes | @sandrina_simoes | Cationic Gold(I) complexes with light, inert and noble gases | Tweet |
| Teresa Nogueira | @TeresaN80017258 | Synthesis of Bioplastic from Agri-Food Waste | Tweet |
| Tiago Duarte | @TiagoDu32562714 | Pd nanoparticles supported in functionalized hydrochars to catalyze reduction reactions | Tweet |
| Tiago Eusbio | @TiagoMEusebio | Ionic liquid gel structures: water concentration and temperature effects | Tweet |
| Tiago Fernandes | @T1ago_Fernandes | New Silver (Thio)Semicarbazide Complexes for Antibiofilm Applications. Our contribution to a still limited research area. | Tweet |
| Vanessa Morgado | @__vanessam_ | Microplastics in the environment: the first generation of examinological data analysis | Tweet |
| Virginia Ferreira | @VirginiaFerrei14 | Semi-conductor modified fibers for environmental remediation and sensing | Tweet |
| Xavier Paredes | @Xavier_p_m | Searching for new absorbents: thermophysical properties | Tweet |