



POSTER PRESENTATION INDEX

POSTER SESSIONS

There will be one poster session please refer to the email sent to you or the index at the back of the book if you are unsure of your poster number.

The poster session will take place in the **Tramuntana I**. The organisers request that poster presenters stand by their boards during the poster session for queries and discussion. Please see scheduled time below:

Poster Session	Presentation Date	Presentation Time	Poster Numbers	Pin Up	Take Down
1	Monday 19 th June	16:15-18:00	All posters	Sunday 18 th June at 16:00	Wednesday 21 st June 2017 at 16:00

Any posters remaining after the take down time has passed will be removed by the organisers and if not collected by the end of the conference will be destroyed.

Poster Session Monday 19 June, 16:15-18:00

[P.001]	Nanocomposites for carbon capture and storage (CCS) in shallow geological deposit E.C.R. Acevedo* ^{1,2} , L.J.R. Vargas ¹ , F.C. Marin ² , F.B.C. Correa ¹ , ¹ Universidad Nacional de Colombia, Colombia, ² University of Granada, Spain
[P.002]	PEO-PPO-PEO block copolymer based drug delivery devices: interaction with the lipid membrane, drug release kinetics and cytotoxicity E. Adamidou*, A. Miller, <i>The University of Manchester, UK</i>
[P.003]	Doped nano porous hard carbon spheres for Lithium Ion Batteries A. Agrawal*, K. Biswas, S. Ghosh, <i>Indian Institute of Technology Kharagpur, India</i>
[P.004]	Adsorption of tetracycline by geomaterial matrix: Adsorption equilibrium and kinetics S. AIT Hamoudi*, B. Hamdi, J. Brendle, <i>Université de Strasbourg, France</i>
[P.005]	Effects of salt concentration and pH on self-assembly of surfactin I. Akiba*, E. Tabata, S. Kanazawa, <i>The University of Kitakyushu, Japan</i>
[P.006]	Effect of salt and nanoparticle concentration on the stability and agglomeration of silica nanoparticles suspensions S. Al-Anssari*, S. Wang, A. Barifcani, S. Iglauer, <i>Curtin University, Australia</i>
[P.007]	Nano-modification of oil-wet calcite at reservoirs conditions S. Al-Anssari* ^{1,2} , L. Nwideo ¹ , S. Wang ¹ , A. Barifcani ¹ , S. Iglauer ¹ , ¹ Curtin university, Australia, ² University of Baghdad, Iraq
[P.008]	Preparation, characterization and sorptive properties of new carbon nanotubes/metal oxides nanocomposites for cobalt removal from aqueous solutions I.I. ALFasfous* ^{1,2} , A.H. El-Sheikh ² , A.E. Awwad ² , J.N. Dawoud ² , ¹ King Saud Bin Abdulaziz University for Health Sciences, Saudi Arabia, ² The Hashemite University, Jordan
[P.009]	Noble method of ultrasensitive gold nano-structures preparation as plasmonic enhanced Raman scattering agent for biomedical applications M.T.H. Alizadeh*, J.I. Mullol, <i>University Of Barcelona, Spain</i>
[P.010]	Withdrawn
[P.011]	Numerical simulation of node in aqueous foams A. Anazadehsayed*, J. Naser, <i>Swinburne University of Technology, Australia</i>
[P.012]	Strengthen electrode interface structure for proton exchange membrane fuel cells M.G. Poulsen ¹ , M.J. Larsen ² , S.M. Andersen* ¹ , ¹ University of Southern Denmark, Denmark, ² EWII Fuel Cells A/S, Denmark
[P.013]	Macroporous chitosan from liquid foams: Is it worth reaching for monodispersity? S. Andrieux* ¹ , W. Drenckhan ² , C. Stubenrauch ¹ , ¹ University of Stuttgart, Germany, ² Institut Charles Sadron, CNRS, France
[P.014]	An experimental study on Thermal Conductivity of Nanofluids by different measuring techniques and their comparison Z. Aparna*, M.M. Michael, S. Ghosh, S.K. Pabi, <i>Indian Institute of Technology Kharagpur, India</i>



[P.015]	Improved thermostability of polymer-coated cellulose nanocrystals (nanowhiskers) prepared by Polymerization with Particles (PwP). T. Arita* ¹ , J. Araki ¹ , ¹ Tohoku University, Japan, ² Shinshu University, Japan
[P.016]	Long-term underwater superhydrophobicity of doubly reentrant cavities decorated with hydrophobic silica nanoparticles S. Arunachalam*, E.M. Domingues, H. Mishra, <i>King Abdullah University of Science and Technology, Saudi Arabia</i>
[P.017]	Magnetic field induced pattern formation in spin coating of concentrated magnetics colloids R. Aslam*, W.G. Viñas, <i>University of Navarra, Spain</i>
[P.018]	Optimization of PLGA-PEG@Alginate microparticles as drug carriers for schizophrenia oral treatment S.B. Azzouz* ¹ , N. Raposo ³ , T. Coradin ² , R. brayner ¹ , ¹ Univ Paris Diderot, Sorbonne Paris Cité (ITODYS), France, ² Sorbonne Universités, UPMC Univ Paris 06, France, ³ Nucleus of Analytical Identification and Quantification (NIQUA), Federal University of Juiz de Fora, Brazil
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[P.020]	Preparation of polyamine/anionic surfactant/gold nanocomposites: Effect of temperature, pH and preparation method K. Bali* ¹ , R. Mészáros ^{1,2} , ¹ Eötvös Loránd University, Hungary, ² University J. Selyeho, Slovakia
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[P.023]	Colorimetric nanozyme rapid sensors: From molecules to cells R. Ramanathan, P. Weerathunge, V. Bansal*, <i>RMIT University, Australia</i>
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[P.025]	Study of nanoparticle interaction in environmental-media: The case of humic acid and noble nanoparticle. F. Barbero* ¹ , J. Piella ¹ , N.G. Bastús ¹ , V. Puntès ^{1,2} , ¹ Institut Català de Nanociència i Nanotecnologia (ICN2), CSIC and The Barcelona Institute of Science and Technology (BIST), Spain, ² Institució Catalana de Recerca i Estudis Avançats (ICREA), P. Lluís Companys, Spain
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[P.027]	Green synthesis of Ag nanoparticles using grape stalk waste extract for the modification of screen-printed electrodes J. Bastos-Arrieta* ^{1,2} , A. Florido ^{1,2} , C. Pérez-Ràfols ³ , N. Serrano ³ , N. Fiol ³ , I. Villaescusa ⁴ , ¹ Departament d'Enginyeria Química, Universitat Politècnica de Catalunya, Spain, ² Barcelona Research Center for Multiscale Science and Engineering, Spain, ³ Universitat de Barcelona, Spain, ⁴ Universitat Politècnica de Catalunya, Spain
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[P.037]	Hydrophilic and hydrophobic functionalizations of aqueous silica sols for Pickering emulsions S. Björkegren* ^{1,2} , L. Nordstierna ¹ , A. Törnroona ² , M. Persson ^{2,1} , A. Palmqvist ¹ , ¹ Chemistry and Chemical Engineering, Sweden, ² AkzoNobel Pulp and Performance Chemicals, Sweden
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[P.051]	Modified polysaccharide coated magnetic nanoparticles for HSA binding



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	D. Chelminiak-Dudkiewicz ^{*1} , A. Sikora ² , K. Wegrzynowska-Drzymalska ¹ , M.P. Marszall ² , M. Ziegler-Borowska ¹ , ¹ <i>Nicolaus Copernicus University in Torun, Poland</i> , ² <i>Nicolaus Copernicus University in Torun, Poland</i>
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	C. Tira ¹ , S. Astilean ¹ , R.A.L. Vallee ² , C. Farcau* ¹ , ¹ <i>Babes-Bolyai University, Romania</i> , ² <i>CRPP CNRS UPR8641, France</i>
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