

FEB. 17 Wednesday		PARALLEL ORAL SESSIONS - POS I
<b>A1 - Biological &amp; Health Sciences: Dietary and Bioactive Compounds I</b>		
11:00 - 11:10	196	Degradation of anthocyanins and anthocyanidins in blueberry jams <i>Filipa Queiroz, Carla Oliveira, Olívia Pinho, Isabel Ferreira</i>
11:10 - 11:20	292	Phytosterols profile of edible macroalgae <i>Graciliana Lopes, Carla Sousa, João Bernardo, Teresa Mouta, Patrícia Valentão, Paula Andrade</i>
11:20 - 11:30	301	Bio-guided HPLC-PAD-APCI-MS metabolite profiling of cytotoxic carotenoids from the marine echinoderm <i>Marthasterias glacialis</i> (spiny sea-star) <i>David M. Pereira, Federico Ferreres, Ange Gil-Izquierdo, Patrícia Valentão, Paula B. Andrade</i>
11:30 - 11:40	439	Quantification of Polycyclic Aromatic Hydrocarbons in barbecued meat by HPLC/Fluorescence <i>I. Mariano, O. Viegas, O. Pinho, I. Ferreira</i>
11:40 - 11:50	545	The effect of temperature on total phenolics and antioxidant activity of New Zealand spinach ( <i>Tetragonia Tetragoioides</i> ) <i>Luís Filipe Amaro, Isabel Almeida, Isabel Ferreira, Olívia Pinho</i>
11:50 - 12:00	548	Effect of blueberry thermal processing on anthocyanins/anthocyanidins and antioxidant activity <i>C. Oliveira, L.F. Amaro, I.F. Almeida, A. Melo, I.M. P.L.V.O. Ferreira, O. Pinho</i>
11:50 - 12:20		GENERAL DISCUSSION
<b>A2 - Economy &amp; Management</b>		
11:00 - 11:10	429	The third sector social innovation dynamics in the north of Portugal <i>Vera Lúcia Alves Pereira Diogo</i>
11:10 - 11:20	321	Social Entrepreneurship: An analysis through youth associations <i>Artur V. Vieira, Ana N. Veloso, Filipe A. Ribeiro</i>
11:20 - 11:30	400	Are the 'entrepreneurs students' entrepreneurship of the future?The contribution of junior enterprises for entrepreneurship <i>Ana Sofia Antunes Ferreira, Leonidio Miguel da Silva Fonseca, Lilian Santos</i>
11:30 - 11:40	493	Characterisation of wine management on restaurants from the medium and high segments: an integrated approach <i>Cristiano Paulino, Ana Oliveira - Brochado</i>
11:40 - 11:50	180	Convergence of Accounting Practice Management <i>Adriana Rodrigues Silva, Dina Guimarães</i>
11:50 - 12:20		GENERAL DISCUSSION
<b>A3 - Environmental Sciences &amp; Technologies</b>		
11:00 - 11:10	370	Ecological Assessment of Leça river: Sediment and habitat study <i>Catarina Café, Ana Paula Mucha, Adriano A. Bordalo</i>
11:10 - 11:20	482	Development of Monitoring Indicators of River Rehabilitation Processes - case study Rio Este, city of Braga <i>José Coelho, Pedro Teiga, Rodrigo Maia</i>
11:20 - 11:30	520	<i>Chlorella vulgaris</i> for Wastewater Treatment and Lipid Production <i>Vanessa Ramos, Teresa Mata, Nidia Sá Caetano, Octávio Oliveira</i>
11:30 - 11:40	654	Environmental Remediation of Pesticides by Integrating the Photo-Fenton Process and Weed Plants <i>Nuno Nogueira, Samuel Correia, Fernanda Fidalgo, Joaquim Faria, Jorge Teixeira, Adrián Silva</i>
11:40 - 11:50	214	Decontamination of cork bleaching wastewater by solar-photo-Fenton process without H2O2 addition <i>A. Pintor, V. Vilar, R. Boaventura</i>
11:50 - 12:00	395	Degradation of the herbicide Paraquat by Fenton's reagent <i>V. Morais, M.S.F. Santos, A. Alves, L.M.Madeira</i>
12:00 - 12:10	183	Degradation of Sirius®Blue dye by TiO2 solar photocatalysis <i>Nuno Silva, Rafael Nunes, Cidália Botelho, Rui Boaventura, Vítor Pais Vilar, Diogo Marques, João Amaro</i>
12:10 - 12:20	184	Solar photocatalytic decolorization of direct Sirius®Rubine dye with TiO2 <i>Carla Esteves, Ana Cardoso, Cidália Botelho, Rui Boaventura, Vítor Pais Vilar, André Redondo Gouveia, Hugo Vasconcelos, João de Barros Freitas</i>
12:20 - 12:50		GENERAL DISCUSSION

Auditoriums: A1-A2-A3

FEB. 17 Wednesday		PARALLEL ORAL SESSIONS - POS II
<b>A1 - Biological &amp; Health Sciences: Physiology I</b>		
14:30 - 14:40	199	ATF-3 expression during inflammatory pain, in primary afferent neurons <i>Nascimento D., Pozza D. H., Castro-Lopes J. M., Neto F. L.</i>
14:40 - 14:50	235	Urocortin 2 acute effects on the diastolic properties of the myocardium <i>Marcos Antônio dos Santos Rodrigues Gomes, Sônia Alexandra Pereira da Silva, Pedro Mendes Ferreira, Patrícia Fontes-Sousa, Adelino Leite-Moreira, Carmen Brás-Silva</i>
14:50 - 15:00	440	Hemodynamic and morphometric characterization of a new experimental model of paediatric pulmonary hypertension (PH) <i>Manuel Ferreira Pinto, Marina Dias Neto, Ana Luísa Neves, Nádia Gonçalves, Catarina Eloy, José Manuel Lopes, Tiago Henriques Coelho, Adelino Leite Moreira</i>
15:00 - 15:10	481	Re-admission of facilitatory adenosine A2A tonus regulating ACh release by AMP in toxin-induced Myasthenia gravis <i>D. Paramos, C. Costa, J. B. Noronha Matos, M. A. Timóteo, M. T. Magalhães-Cardoso, L. Oliveira, P. Correia-de-Sá</i>
15:10 - 15:20	538	Nicotinic modulation of cholinergic neurotransmission in the electric organ of <i>Torpedo marmorata</i> <i>Alexandra Carvalho Alves, Professor Doutor Paulo Correia-de-Sá, Dr. J. Miguel Cordeiro</i>
15:20 - 15:30	543	Interaction of purinergic, tachykinergic and muscarinic receptors on a tripartite myenteric synapse <i>Isabel Silva, Dominique Fernandes, Fátima Ferreirinha, Cátia Vieira, Margarida Duarte-Araújo, Paulo Correia-de-Sá</i>
15:30 - 16:00		GENERAL DISCUSSION
<b>A2 - Philosophy, Ethics &amp; Political Sciences</b>		
14:30 - 14:40	413	Gender Politics and its relation to HIV/AIDS in Africa <i>Dina Guimarães, Adriana Rodrigues Silva</i>
14:40 - 14:50	668	Presenças Ausentes: Belmonte, o esquecimento partilhado como tradução e narrativa <i>Pedro Lopes de Almeida</i>
14:50 - 15:00	459	"Inclua-me fora disso"/ Contrapoder e cinema marginal brasileiro <i>Nilton Vieira Chagas</i>
15:00 - 15:10	511	Wittgenstein and anthropology: an analysis of Wittgenstein's Remarks On Frazer's Golden Bough <i>José Hildo de Oliveira Filho</i>
15:10 - 15:40		GENERAL DISCUSSION
<b>A3 - Numerical Methods and Mathematical Models: Applications</b>		
14:30 - 14:40	218	Central Pattern Generators in Biped Locomotion: A Numerical Approach <i>Alexandra Pimenta Santos, Carla Manuela Alves Pinto</i>
14:40 - 14:50	575	Contributions to the initialization of online identification algorithms in anaesthesia <i>Juliana Filipa Carvalho de Almeida, Margarida Martins da Silva, Teresa Feio Mendonça</i>
14:50 - 15:00	679	Time-Frequency analysis in Heart Rate Variability Monitoring <i>Renato Soeiro, Ana Paula Rocha</i>
15:00 - 15:10	571	Numeric Methods for the resolution of non-linear equations <i>Soraia Alexandra Gonçalves Pereira</i>
15:10 - 15:20	261	Numerical solution of short-term macroeconomic models <i>Joaquim Mendes, Oscar Afonso, Paulo B. Vasconcelos</i>
15:20 - 15:30	685	Cosmology with the CODEX <i>Pedro Pedrosa</i>
15:30 - 16:00		GENERAL DISCUSSION

Auditoriums: A1-A2-A3

FEB. 17 Wednesday		PARALLEL ORAL SESSIONS - POS III
<b>A1 - Biological &amp; Health Sciences: Cell and Molecular Biology</b>		
17:00 - 17:10	163	The homeodomain transcription factor Prrx1 is phosphorylated in vivo <i>A.S. Pessoa, R. Soares-dos-Reis</i>
17:10 - 17:20	361	Endocannabinoids in the fetoplacental unit: Effects of OEA and PEA in decidual apoptosis <i>M. Almada, B. Fonseca, M. Rocha, N. Teixeira, G. Correia da Silva</i>
17:20 - 17:30	393	Two new aromatase inhibitors: Biological evaluation and effects in an estrogen-dependent breast cancer cell line <i>Ana Dias, Georgina Silva, Cristina Amaral, Margarida Borges, Margarida Cepa, Elisiário Silva, Fernanda M. Roleira, Natércia Teixeira</i>
17:30 - 17:40	394	Antimicrobial Peptides: An extensive peptides on CA(1-7)M(2-9) and lactoferrin derivatives <i>Vitor Teixeira, Maria J. Feio, Luis Rivas, Beatriz G. de la Torre, David Andreu, Margarida Bastos</i>
17:40 - 17:50	396	Crossing between PCR and HACCP: a promising new approach? <i>Ana Correia de Oliveira, Maria Nascimento da Fonseca, Rui Melo Silva</i>
17:50 - 18:00	467	Histone Deacetylase inhibitors modulate neuronal mitochondrial dynamics <i>Pedro Guedes-Dias, Inês Seabra, Jorge MA Oliveira</i>
18:00 - 18:10	664	Surface modification of chitosan porous scaffolds with recombinant fragments of fibronectin to promote endothelial cell adhesion <i>Ismael Neiva, Isabel Amaral, Frederico Ferreira da Siva, Susana Sousa, Ana Piloto, Mário Barbosa, Ana Paula Pêgo</i>
18:10 - 18:30		GENERAL DISCUSSION
<b>A2 - History &amp; Cultural Studies</b>		
17:00 - 17:10	656	New Digital Methods on Rock Art Recording Fusion of 3D Scanning with Multi-Spectral Images <i>Paulo Martins Campos de Lima</i>
17:10 - 17:20	672	Technical and morphological study of Iron Age glass beads from Crasto de Palheiros - Murça (Vila Real): First results <i>Ana Cordeiro de Sousa Gomes Abrunhosa</i>
17:20 - 17:30	378	Methodologies for a Contextual Inventory of Religious Ovarense Heritage <i>Sofia Nunes Vechina</i>
17:30 - 17:40	392	The catholic religious architecture of Macau: the state of affairs. A research project in History of Art. <i>Hugo Daniel da Silva Barreira</i>
17:40 - 17:50	617	Treaties and detached decorative prints: the formation of an artist in the 18th century <i>Eva Dias</i>
17:50 - 18:00	390	History of Art's role in a world heritage city. A case study: Oporto. <i>Diana Loureiro, Alda Bessa, Diana Cunha, Hugo Barreira, Mafalda Coelho, Marcos Resende, Maria Lereno Melo</i>
18:00 - 18:30		GENERAL DISCUSSION
<b>A3 - Communication Sciences</b>		
17:00 - 17:10	209	A Flu and the Agenda-Setting Theory: an analysis of the six major Portuguese newspapers <i>Miguel José Jacinto Ramalhosa, Maria João Tavares Soares Brum da Silveira</i>
17:10 - 17:20	310	The representation of minority in the press - Speech analysis of the news about the homosexual marriage in Portugal <i>Joana Sobral</i>
17:20 - 17:30	270	The influence of television on development of teenage personality <i>Irene Leite</i>
17:30 - 17:40	651	Framing USA Elections in the Iberian Peninsula <i>Beatriz Sofia Pinto Tomás Alves, Luís Miguel Mendes</i>
17:40 - 17:50	222	A look at Machinima: Machine Animation in Virtual Worlds and Social Media <i>Adriano José Branco Cerqueira</i>
17:50 - 18:00	314	Classic & Urban Culture in Oporto - Augmented Reality in Social networking <i>António Couto, Diana Andrade, Joana Silva, Paulo Férias</i>
18:00 - 18:20		GENERAL DISCUSSION

Auditoriums: A1-A2-A3

FEB. 18 Thursday		PARALLEL ORAL SESSIONS - POS IV	
<b>A1 - Biological &amp; Health Sciences: Dietary and Bioactive Compounds II</b>			
9:00 - 9:10	318	Modulation of angiogenesis and inflammation by beer-derived polyphenols- In vivo effects <i>Taveira T, Duarte D, Costa R, Mendanha M, Soares R, Negrão R</i>	
9:10 - 9:20	365	Chemopreventive effect of a green tea catechin, EGCG, on human melanoma cells: cytotoxicity studies <i>Ana Soares, Florbela Santos, Carmen Diniz, Paula Fresco</i>	
9:20 - 9:30	420	Biological activity of caffeic acid derivatives: Antioxidant and Anti-inflammatory Effects <i>Joana Sousa, Paula Fresco, Carmen Diniz</i>	
9:30 - 9:40	466	Effect of prolonged beer consumption on hepatic redox status and metabolic markers <i>Diogo Pestana, Diana Teixeira, Ana Cunha, Ana Faria, Conceição Calhau, Rosário Monteiro</i>	
9:40 - 9:50	484	Prediction of intestinal absorption of bioactive xanthenes across Caco-2 cell monolayers using an HPLC-UV method <i>Ana Sara Cordeiro, Emília Sousa, Bruno Sarmiento, Domingos Ferreira, Madalena Pinto</i>	
9:50 - 10:00	586	Impact of mineral micronutrients upon COMT expression and activity in rat liver and adrenal glands <i>Pedro Bastos, João Araújo, Mara João Martins, Fátima Martel, Laura Ribeiro</i>	
10:00 - 10:10	623	The effect of folate status on the uptake of physiologically relevant compounds by Caco-2 cells <i>Joana Sousa, Sandra Tavares, M. João Pinho, Pedro Gonçalves, João Araújo, Fátima Martel</i>	
10:10 - 10:30		GENERAL DISCUSSION	
<b>A2 - Chemistry I</b>			
9:00 - 9:10	329	Synthesis of Silica Particles for Textile Applications <i>Delfina Barros</i>	
9:10 - 9:20	338	Fast analysis of multiple pesticide residues in orange juice using dispersive liquid-liquid microextraction and heart-cutting GC-MS <i>Inês Urbano, Sara Cunha, José Fernandes</i>	
9:20 - 9:30	340	Optimization of a methodology for determination of BPA and BPB using DLLME/heart-cutting GC-MS <i>Cláudio Almeida, Sara Cunha, José Fernandes</i>	
9:30 - 9:40	461	Optimization of a HE-SPME-GC/MS method for screening of volatile compounds in espresso coffee <i>Catarina Petisca, Adriana Farah, Olívia Pinho, Isabel MPLVO Ferreira</i>	
9:40 - 9:50	485	Structural, interfacial and rheological properties of different formulations for a commercial liquid detergent <i>Ricardo M. Ferreira Fernandes, Eduardo F. Marques</i>	
9:50 - 10:20		GENERAL DISCUSSION	
<b>A3 - Renewable Energies</b>			
9:00 - 9:10	519	Hydrogen generation and storage by successive loadings of reactant stabilized sodium borohydride solutions to feed a PEM fuel cell for portable applications <i>Filipa Coelho, Josefina Ferreira, Alexandra Pinto, Carmen Rangel</i>	
9:10 - 9:20	691	Single walled nanohorns modified by oxidation treatments as catalyst supports for fuel cells <i>Carolina Passeira</i>	
9:20 - 9:30	607	Third generation photovoltaic cells in the classroom <i>Sandra Magalhães, Helena Aguilar Ribeiro, Adélio Mendes</i>	
9:30 - 9:40	384	Design and Simulation of Biodiesel Production Processes <i>Sandra Couto, Sérgio Morais, Teresa Mata, António Martins</i>	
9:40 - 9:50	492	Prediction of Raw-Material Characteristics Aiming Biodiesel Production <i>Gustavo Pizarro</i>	
9:50 - 10:00	572	Biodiesel Production from Tallow, Lard and Poultry Fat <i>Teresa Mata, Nelson Cardoso, Mariana Ornelas, Soraia Neves, Nidia Caetano</i>	
10:00 - 10:20		GENERAL DISCUSSION	
<b>A4 - Sport Sciences I</b>			
9:00 - 9:10	576	Application of critical velocity in swimmers anaerobic training <i>H. Neiva, R.J. Fernandes and J.P. Vilas-Boas</i>	
9:10 - 9:20	634	Adaptation to the Aquatic Environment in Swimming classes <i>Andreia Carrinho, Ricardo Fernandes, João Paulo Vilas-Boas, Susana Soares</i>	
9:20 - 9:30	326	Effects of acute endurance exercise on heart and liver mitochondrial function in rats treated with Doxorubicin <i>Inês Gonçalves</i>	
9:30 - 9:40	415	Calibration of Accelerometer Output for Elderly <i>Lucimére Bohn, Norton Luis de Oliveira, Gustavo Silva, José Oliveira, José Carlos Ribeiro</i>	
9:40 - 9:50	259	Warming-up before sporting activity improves knee position sense <i>Tiago Magalhães, Fernando Ribeiro, José Oliveira</i>	
9:50 - 10:20		GENERAL DISCUSSION	

Auditoriums: A1-A2-A3-A4

FEB. 18 Thursday		PARALLEL ORAL SESSIONS - POS V
<b>A1 - Biological &amp; Health Sciences: Physiology II</b>		
11:30 - 11:40	371	Acute haemodynamic effects of Tezosentan in rats with monocrotaline-induced pulmonary hypertension <i>Duarte Gabriel Figueiredo Pinto, D. Silva, D. Fontoura, F. Vasques-Nóvoa, A. P. Lourenço, A. F. Leite-Moreira</i>
11:40 - 11:50	499	Binding and neurotoxicity profile of chromone based adenosine receptor ligands <i>Inês Seabra, Pedro Guedes-Dias, Nasir Khan, Alexandra Gaspar, Eugenio Uriarte, Fernanda Borges, Jorge MA Oliveira</i>
11:50 - 12:00	573	Negative inotropic effect of angiotensin 1-7 and its role in myocardial function after ischemia-reperfusion <i>Rui João Gonçalves Cerqueira, Mariana Marques Santos Pintalhão, Paulo Manuel Barreiros de Castro Chaves, Joaquim Adelino Correia Ferreira Leite Moreira</i>
12:00 - 12:10	671	ATP is a non-invasive biological urinary marker of overactive bladder syndromes <i>Olga Oliveira, Margarida Duarte-Araújo, Isabel Silva, Miguel Silva-Ramos, Paulo Correia-de-Sá</i>
12:10 - 12:20	686	Relaxation of human penile smooth muscle by P2Y purinoceptors is attenuated in patients with erectile dysfunction <i>Ricardo Amorim, Miguel Faria, Maria Alexandrina Timóteo, José-Maria Lafuente-de-Carvalho, Paulo Correia-de-Sá</i>
12:20 - 12:50		GENERAL DISCUSSION
<b>A2 - Agronomy</b>		
11:30 - 11:40	303	Flowering and fruit-set in <i>Vitis vinifera</i> L. cv Aragonez <i>Ricardo Pinto, Paulo Costa, Geni Zanol, José Eiras Dias, Ilda Abreu</i>
11:40 - 11:50	346	Evaluation of the quality retention in mushrooms of the genus <i>Pleurotus</i> by image analysis <i>Tiago Jorge Pinheiro, Luís Miguel Cunha, Sílvia Azevedo</i>
11:50 - 12:00	563	Evolution of antioxidant activity on minimally processed garlic ( <i>Allium sativum</i> L.) cloves <i>Telma Veríssimo, Ivone Almeida, Honorina Cidade, Maria Beatriz P. P. Oliveira, Luís M. Cunha</i>
12:00 - 12:10	267	Development and validation of a HPLC/UV methodology for nitrate and nitrite quantification in vegetables <i>E. Pinto, C. Petisca, L. Amaro, O. Pinho, I.M.P.L.V.O. Ferreira</i>
12:10 - 12:20	278	Concentration of cadmium by lettuce grown in Oxisols <i>André Luis Borges Trombeta, Thiago Assis Rodrigues Nogueira, Cassio Hamilton Abreu Junior</i>
12:20 - 12:30	456	Screening of isoflavones levels in several wild Portuguese Leguminosae using matrix solid-phase dispersion (MSPD) and HPLC/DAD <i>Tiago Sousa, Isabel Sousa, Sara Cunha, Miguel Faria, Eugénia Nunes</i>
12:30 - 12:40	468	Discrimination of Port Wine categories based on analytical parameters: retrospective study <i>Manuel Lima Faria Ferreira</i>
12:40 - 12:50	377	Consumer perspectives of fresh produce in local food markets <i>Joana Russell Sampaio, Ada Rocha, Luís Leite da Cunha, Ana Pinto Moura</i>
12:50 - 13:10		GENERAL DISCUSSION
<b>A3 - Chemical Engineering</b>		
11:30 - 11:40	544	Evaluation of Different Solvents for Oil Extraction from Grape seeds <i>Ana Carolina Marcos Melo, Teresa Mata, Nídia Caetano</i>
11:40 - 11:50	195	Solvent-free enzymatic synthesis of decyl acetate <i>Lucília S. Ribeiro, Yaidelin A. Manrique, Diogo N. Afonso, Manuela V. Oliveira, Adriano S. Ribeiro</i>
11:50 - 12:00	713	Nanocrystalline Zinc-Substituted Hydroxyapatite as Catalyst for Transesterification Reactions <i>Dânia Constantino</i>
12:00 - 12:10	522	Study of a Gas/Liquid Reactor for the Vanillin production using CFD tools <i>Erica Doutel Costa, João Mendes, José Nogueira, Marta Pimenta</i>
12:10 - 12:20	561	Study and optimization of a multi-layer textile containing a heating band <i>Sandra Couto, Tiago Sotto Mayor, João Campos</i>
12:20 - 12:50		GENERAL DISCUSSION
<b>A4 - Sport Sciences II</b>		
11:30 - 11:40	427	Overweight, Obesity, Physical Activity levels and Physical Fitness in children from Albergaria-a-Velha. <i>Daniel Santos, Raquel Chaves, Michele Souza, André Seabra, Rui Garganta, José Maia</i>
11:40 - 11:50	683	Influence of a physical exercise program in the levels of daily physical activity and functional fitness in elderly subjects of both genders <i>João Oliveira</i>
11:50 - 12:00	442	The built environment and participation in physical activities in adolescents. The EPITeen cohort <i>Roseanne Autran, Elisabete Ramos, Fátima Pina, Maria Paula Santos</i>
12:00 - 12:10	460	Familial Aggregation of Physical Activity Levels <i>Raquel Nichele de Chaves, Michele Souza, Daniel Santos, André Seabra, Rui Garganta, José Maia</i>
12:10 - 12:20	506	The Sport Management in the curriculum of courses in physical education Amazon <i>Tharcísio Anchieta da Silva</i>
12:20 - 12:30	644	For consistency between formation and practice ethics of the professional of sport <i>W.C. Moura</i>
12:30 - 13:00		GENERAL DISCUSSION

Auditoriums: A1-A2-A3-A4

FEB. 18 Thursday

PARALLEL ORAL SESSIONS - POS VI

**A1 - Biological & Health Sciences: Public Health and Population Genetics**

14:30 - 14:40	353	Portuguese primary care evaluation through Prevention Quality Indicators <i>Ricardo Jorge Pimentel Soares dos Reis, Alberto Freitas, Altamiro Costa-Pereira</i>
14:40 - 14:50	587	Nutritional adequacy of a meal served at a Food Service University Unit <i>Margarida de Liz Martins, Ada Rocha</i>
14:50 - 15:00	616	Screening and Assessment of Undernutrition: Impact on Hospital Funding <i>Alexandra Coelho</i>
15:00 - 15:10	662	Municipality Inspection and Risk Analyses <i>Ana Raquel Marinho</i>
15:10 - 15:20	350	Genetic characterization of Portuguese patients with Neurofibromatosis type 1 <i>Rita Bastos-Ferreira, Jorge Pinto-Basto, Mafalda Barbosa, Margarida Reis-Lima, Isabel Alonso, Jorge Sequeiros</i>
15:20 - 15:30	435	The role of synaptic vesicles in migraine susceptibility <i>João Luís Neto, Carolina Lemos, José Pereira-Monteiro, Jorge Sequeiros, Alda Sousa, Isabel Alonso</i>
15:30 - 15:40	450	Mutational screening of AXIN2 gene in a group of Portuguese families with maxillary lateral incisor agenesis <i>Miguel Alves-Ferreira, Teresa Pinho, Alda Sousa, Jorge Sequeiros, Carolina Lemos, Isabel Alonso</i>
15:40 - 16:00		GENERAL DISCUSSION

**A2 - Chemistry II**

14:30 - 14:40	445	Quinolones as Metalloantibiotics: Surpassing Resistance? - Characterization of Binary and Ternary Complexes of Cu(II)-Enrofloxacin <i>Raúl G. Saraiva, Maria J. Feio, Paula Gameiro</i>
14:40 - 14:50	464	Computational Studies on the $\beta$ -Galactosidase Catalytic Mechanism: Hydrolysis and Transglycosylation Reactions <i>Natércia F. Brás</i>
14:50 - 15:00	530	Towards an "intelligent" control of formaldehyde photochemistry <i>Marta Araújo</i>
15:00 - 15:10	539	Carbohydrate binding modules from family 11: Understanding the binding mode of polysaccharides. <i>Oscar Passos</i>
15:10 - 15:20	637	Substrate Recognition in HIV-1 Protease <i>Marta Perez, Pedro Alexandrino Fernandes, Maria João Ramos</i>
15:20 - 15:30		GENERAL DISCUSSION

**A3 - Electrical & Computers Engineering**

14:30 - 14:40	627	Polyphase filter with continuous parametric tuning <i>Luís Malheiro, Pedro Coke, Cândido Duarte, Vítor Grade Tavares, Pedro Guedes de Oliveira</i>
14:40 - 14:50	628	Self-powered water purification module <i>Pedro Coke, Ricardo Pereira, Cândido Duarte, Vítor Grade Tavares, Pedro Guedes de Oliveira</i>
14:50 - 15:00	629	Digital Sigma Delta 1st Order Modulator <i>Henrique Cavadas, Tomás Sapage, Daniel Oliveira, Miguel Pina, Cândido Duarte, Vítor Grade Tavares, Pedro Guedes de Oliveira</i>
15:00 - 15:10	630	Filter and Hold for PLL Applications <i>Diana Mendes, Ricardo Pereira, Daniel Oliveira, Miguel Pina, Cândido Duarte, Vítor Grade Tavares, Pedro Guedes de Oliveira</i>
15:10 - 15:20	631	Network based security for academic IC CAD environments <i>Pedro Coke, Cândido Duarte, Vítor Grade Tavares, Pedro Guedes de Oliveira</i>
15:20 - 15:30	488	VORSat - Measuring a CubeSat Attitude from the Ground <i>Raquel Pinho</i>
15:30 - 15:40	224	High-Birefringent Fibre Loop Mirror for Sensor Applications <i>Ricardo Melo Andre, Orlando Frazão, Manuel J. B. Marques</i>
15:40 - 16:10		GENERAL DISCUSSION

**A4 - Geography & Sociology**

14:30 - 14:40	272	The creation of the European Citizen - the contribution of Portuguese Geography textbooks for the teaching of European Citizenship in the last two decades <i>Cristiana Martinha</i>
14:40 - 14:50	645	Higher Education in Brazil: the ProUni and the challenges for equity <i>Bruna Cruz de Anhaia</i>
14:50 - 15:00	593	The central status of the domestic space in the construction of everyday life? the case of «Ilhas» at Oporto <i>Juliana Tomé</i>
15:00 - 15:10	283	Second-home in Espinho <i>Ana Natálio, Mário Almeida, Teresa Menezes</i>
15:10 - 15:20	325	Scenarios of urban sprawl using GIS and cellular automata <i>Pedro Henriques</i>
15:30 - 15:40	357	Strategy for Tourism and Nature Leisure Activities in Valongo Municipality: European Support Programs Framework <i>Marco Alexandre Marques Lopes</i>
15:50 - 16:10		GENERAL DISCUSSION

Auditoriums: A1-A2-A3-A4

**FEB. 18 Thursday****PARALLEL ORAL SESSIONS - POS VII****A1 - Psychology**

17:00 - 17:10	269	Patterns of preschool literacy, numeracy and social skills <i>Teresa Aguiar, Teresa Leal</i>
17:10 - 17:20	172	Language and Meaning Making, a Cognitive-Constructivist Approach <i>Inês Leão, Joaquim Luís Coimbra</i>
17:20 - 17:30	411	I am a writer: A program for writing intervention <i>Teresa Limpo, Rui A. Alves</i>
17:30 - 17:40	724	Between psychology and theatre: The common ground of expression and transformation of human emotions <i>José Eduardo Silva</i>
17:40 - 17:50	722	Understanding the inner-experience of anorexia through psychotherapeutic movement <i>Maria João Padrão</i>
17:50 - 18:00	723	Self-efficacy in promoting lifelong learning <i>Ângela Alexandra Vieira Bragança</i>
18:00 - 18:30		GENERAL DISCUSSION

**A2 - Literature & Language Sciences**

17:00 - 17:10	387	I know It's only poetry, but I like it. <i>Lúcia Liberato Evangelista</i>
17:10 - 17:20	407	Espelhos de Mulheres: a imagem feminina nas cantigas de escárnio e maldizer de Joan de Guilhade <i>Inês Evangelista Marques</i>
17:20 - 17:30	320	The Mirror: a philosophical and theological analysis of transcendence and individualization on Guimarães Rosas short story <i>Carlos Daniel Santos Vieira</i>
17:30 - 17:40	398	Arte da repetição: sobre a possibilidade de reprodução do stencil graffiti <i>Tiago Sousa Garcia</i>
17:40 - 18:10		GENERAL DISCUSSION

**A3 - Engineering Applications**

17:00 - 17:10	473	AllCall: An Automated Call for Paper Information Extractor <i>Fábio L. Correia, Rui F. S. Amaro, Luis Sarmento, Rosaldo J. F. Rossetti</i>
17:10 - 17:20	500	Simulating Urban Computing Applications <i>Bruno Ribeiro, Ricardo Morla</i>
17:20 - 17:30	570	TraSMAPI - An Application Programming Interface (API) for Multi-Agent Systems Real-Time Interaction with Multiple Traffic Simulators <i>Ivo José Pinto de Macedo Timóteo, Miguel Ramos de Araújo, Rosaldo José Fernandes Rossetti</i>
17:30 - 17:40	577	Modelling and Analysis of a Laryngoscope <i>António José Ramos Silva, Prof. Joaquim Gabriel Mendes</i>
17:40 - 17:50	647	Heart Sound Segmentation for Digital Stethoscope Integration <i>F. Hedayioglu, Miguel Coimbra</i>
17:50 - 18:00	186	Experimental Characterization of Residual Stress Fields in T-joints Welded by Friction Stir Welding <i>Ricardo Alves de Sousa Castro</i>
18:00 - 18:10	611	Capacitated Vehicle Routing Problem with Time Windows <i>Teresa Bianchi de Aguiar</i>
17:50 - 18:20		GENERAL DISCUSSION

Auditoriums: A1-A2-A3

**FEB. 19 Friday**

**PARALLEL ORAL SESSIONS - POS VIII**

**A1 - Architecture**

9:00 - 9:10	622	<b>The epidermal design: From experience to use</b> <i>Miguel Castro Albuquerque</i>
9:10 - 9:20	462	<b>Architecture and the Biologic: The relation between Gender and creation of Space</b> <i>Márcia Cunha</i>
9:20 - 9:30	486	<b>The value of memory in project's practice - the importance of ruin in patrimonial interventions</b> <i>Ana Catarina Gomes Castro Monteiro</i>
9:30 - 9:40	584	<b>Bas-Belleville, A participation experience</b> <i>Margarida Oliveira</i>
9:40 - 9:50	567	<b>Nairobi: upgrading the slums</b> <i>Alda Ribeiro Coelho</i>
9:50 - 10:20		<b>GENERAL DISCUSSION</b>

**A2 - Civil Engineering, Architecture & Urbanism**

9:00 - 9:10	601	<b>Thermal refurbishment of roofs in old buildings - Assessment of solutions from a technical and economic standpoint</b> <i>Ana Gesta Santos</i>
9:10 - 9:20	210	<b>Competitiveness of Portuguese constructors in the national and international market</b> <i>João Vaz</i>
9:20 - 9:30	438	<b>Operational control of cutting trees with chainsaws in the operation of primeval forest in the Amazon.</b> <i>Elton Luciano Correa Ribeiro</i>
9:30 - 9:40	508	<b>Modernist housing in Oporto: Some works by Januário Godinho</b> <i>Nuno Ferreira</i>
9:40 - 9:50	559	<b>Influence of Socioeconomic status on indoor thermal comfort: Case Study in Bairro da Bouça, Porto, Portugal</b> <i>Teresa Menezes, Mário de Almeida, Helena Madureira</i>
9:50 - 10:20		<b>GENERAL DISCUSSION</b>

**A3 - Arts**

9:00 - 9:10	674	<b>The "art" of entrepreneurship: the tale of the creativity cluster of Miguel Bombarda Street</b> <i>Custódia Bastos, Nádia Ladeira, Sofia Silva</i>
9:10 - 9:20	281	<b>Oporto, World Heritage – The Classification and the Intervention</b> <i>Liliana Patrícia Vasconcelos Pinto, Teresa Campos dos Santos</i>
9:20 - 9:30	391	<b>Porto through the game: a playful construction for Casa do Infante</b> <i>Rosana Ferreira Alexandre</i>
9:30 - 9:40	610	<b>An applied project around portuguese graphic culture</b> <i>Ana Filomena Curralo</i>
9:40 - 9:50	591	<b>Retrato gráfico das minhas viagens</b> <i>Eduarda Silva</i>
9:50 - 10:00	260	<b>Stylistic aspects and transformations of the samba-enredo from a melodic perspective</b> <i>Yuri Prado Brandão de Souza</i>
10:00 - 10:20		<b>GENERAL DISCUSSION</b>

Auditoriums: A1-A2-A3