| Time  | Monday, 25 <sup>th</sup> of March | Tuesday, 26 <sup>th</sup> of March | Wednesday, 27 <sup>th</sup> of March     |
|-------|-----------------------------------|------------------------------------|--|
| 8h00  |                                   |                                    |  |
| 8h20  | Registration                      |                                    |  |
| 8h40  |                                   |                                    |  |
| 9h00  |                                   |                                    |  |
| 9h20  | Opening session                   | PL2 – SPE Prize – JS Redinha       | PL3 – SPE Prize – VMM Lobo               |
| 9h40  |                                   |                                    |  |
| 10h00 | K1 – J Barek                      | OC10 – D Fernandes                 |  |
| 10h20 |                                   | OC11– S Salomé                     | OC18 – R Fontinha                        |
| 10h40 | Coffee-break and poster session   | Coffee-break and poster session    | Coffee-break and poster session          |
| 11h00 |                                   |                                    |  |
| 11h20 | OC1 – AF Villa                    | OC12 – CA Ruiz                     | OC19 – R Figueira                        |
| 11h40 | OC2 – M Sobkowiak                 | OC13 – E Laborda                   | OC20 – F Arjmand                         |
| 12h00 | OC3 – C Rangel                    | OC14 – A Fernandes                 | OC21 – D Alvarez                         |
| 12h20 | Lunch                             | Lunch                              | Lunch                                    |
| 12h40 |                                   |                                    |  |
| 13h00 |                                   |                                    |  |
| 13h20 |                                   |                                    |  |
| 13h40 |                                   |                                    |  |
| 14h00 | PL1 – RG Compton                  | K2 – A Cunha                       | OC22 – M Matos                           |
| 14h20 |                                   |                                    | OC23 – J Molina                          |
| 14h40 |                                   | OC15 – L Peixoto                   |  |
| 15h00 | OC4 – N Silva                     | OC16 – L Liu                       | PL4 - SPE young prize – A<br>Yaremchenko |
| 15h20 | OC5 – A Galvis-Sánchez            | OC17 – A Fedorková                 |  |
| 15h40 | OC6 – V Vyskocil                  | Coffee-break and poster session    | Closing ceremony                         |
| 16h00 | Coffee-break and poster session   | Corree-break and poster session    | closing ceremony                         |
| 16h20 | conce-break and poster session    | Social programme                   |  |
| 16h40 | OC7 – C Batchelor-MCAuley         |                                    |  |
| 17h00 | OC8 – G Alves                     |                                    |  |
| 17h20 | OC9 – T Rebis                     |                                    |  |
| 17h40 |                                   |                                    |  |
| 18h00 | SPE general assembly              |                                    |  |
| 18h20 |                                   |                                    |  |
| 18h40 |                                   |                                    |  |
| 19h00 |                                   |                                    |  |
| 19h20 |                                   |                                    |  |
| 19h40 |                                   |                                    |  |
| 20h00 |                                   |                                    |  |
| 20h20 |                                   |                                    |  |
| 20h40 |                                   | Dinner                             |  |
| 21h00 |                                   |                                    |  |
| 21h20 |                                   | Dinner                             |  |
| 21h40 |                                   |                                    |  |
| 22h00 |                                   |                                    |  |

## **Plenary lectures**

- PL1 Richard G. Compton, Electrochemical studies of nanoparticles
- PL2 José S. Redinha, Recent Advances in Computational Study of Hydration
- PL3 Vitor Lobo, Diffusion in a lifetime
- **PL4 Aleksey Yaremchenko**, Electrochemical oxygen permeation through  $Ba_{0.5}Sr_{0.5}Co_{0.8}Fe_{0.2}O_{3-\delta}$ : Developments of asymmetric multilayer and hollow fiber ceramic membranes for oxygen separation

## **Keynotes**

- KN1 Jiří Barek, New electrode materials for voltammetric determination of biologically active organic compounds
- KN2 António Cunha, Solar cell development: various approaches

## **Oral communications**

- OC1 Ana F. Villa, Novel thin-film (micro)electrodes approaches: fabrication and performance
- OC2 Marek Sobkowiak, Electrochemical sensors based on alcoxysulphonated-PEDOT (PEDOT-S)
- OC3 Carmen M. Rangel, Redox stability and bifunctionality of LaNiO<sub>3</sub>-based oxygen electrodes
- **OC4 Nelson Silva**, A conductimetric biosensor based on Pseudomonas aeruginosa intracellular amidase: A new device for acrylamide determination in foodstuff
- **OC5 Andrea C. Galvis-Sánchez**, Multicommuted flow system for the standard addition potentiometric determination of fluoride at low concentration levels
- OC6 Vlastimil Vyskocil, Complex diagnostic approach in electrochemical detection of damage to DNA
- **OC7 Christopher Batchelor-McAuley**, Towards electrode selectivity: the study of homogeneous electron transfer reactions
- **OC8 Georgina M.S. Alves**, Multi-element voltammetric determination of Cd, Cu, Hg, Pb, and Zn at a gold microwire electrode by univariate and multivariate calibration
- **OC9 Tomasz P. Rebis**, Electrochemical sensors based on conducting polymer/lignosulfonate composites for the detection of ascorbic acid
- OC10 Diana M. Fernandes, Redox behaviour and electrochromic properties of novel lanthano-phosphomolybdates
- OC11 S. Salomé, A new class of Pd alloy catalysts for methanol and ethanol electro-oxidation in alkaline media
- **OC12 Carlos A. C. Ruiz,** Spectroelectrochemical evidence of redox transitions in ultra thin MnO<sub>2</sub> electrodes in a new protic ionic liquid
- **OC13 Eduardo Laborda**, Variable-temperature voltammetry to gain molecular insights into electron transfer processes based on the asymmetric Marcus-Hush model
- **OC14 Annabel Fernandes**, Effect of combined electrocoagulation/anodic oxidation processes on the biodegradability of sanitary landfill leachates
- OC15 Luciana Peixoto, Optimization of bioelectricity generation by Geobacter sulfurreducens in microbial fuel cell
- OC16 Lifeng Liu, Nickel foam supported MnO<sub>2</sub> nanosheet arrays for electrochemical energy storage
- OC17 Andrea Fedorková, LiFePO<sub>4</sub> cathode material for Li-ion batteries modified with conductive polymer PPy/PEG
- **OC18 Rute Fontinha**, EIS study of amine cured epoxy-silica-zirconia sol-gel coatings for corrosion protection of the aluminium alloy EN AW 6063
- **OC19 Rita M. Figueira**, Electrochemical system for assessing hybrid coatings for corrosion protection of hot dip galvanized steel in concrete
- OC20 Farzin Arjmand, Cathodic polarization of 316L stainless steel under static and dynamic conditions
- OC21 David Álvarez, Characterization of hybrid sol-gel coatings applied over tinplate
- OC22 Manuel Matos, Electrocrystallisation of organic metals under magnetic field
- OC23 Javier Molina, Chemical and electrochemical characterization of reduced graphene oxide-coated polyester fabrics