

International Workshop

Ionic Liquids: Melting Temperature, other Properties and Applications

Day: 20 Thursday afternoon

- 15:00 Presentation
- 15:15 Do we know what an ionic liquid is?. *Speaker: Ken Seddon (QUILL, UK)*
- 16:00 Can we really estimate the melting temperature of ionic liquids? *Speaker: José O. Valderrama (Univ. of La Serena & CIT, Chile)*
- 16:30 The chemical homology concept applied to the melting temperature of imidazolium-type ionic liquids. *Speaker: Richard Campusano (Univ. of La Serena, Chile)*
- 17:00 Molecular dynamic simulations determination of selected thermo-physical properties of ionic liquids and mixtures. *Speaker: Guillermo Reyes (Univ. del Bio Bio, Chile)*
- 17:30 Coffee, refreshment and good conversation

Day: 21 Friday morning

- 9:30 The impact of nanostructure and isomerism on the melting points, vapor pressures, and other thermophysical properties of ionic liquids. *Speaker: João Coutinho (Univ. of Aveiro, Portugal)*
- 10:15 Variation of the Melting Temperature for Imidazolium-type Ionic Liquids
Speaker: Claudia A. Aquea (Univ. of La Serena-Chile)
- 10:45 Coffee Break
- 11:30 New Ionic Liquids & Processes for Lignocellulose Fractionation & Processing,
Speaker: Jyri-Pekka Mikkola (Umeå University, Sweden)
- 12:00 Switchable ionic liquids for wood fractionation. *Speaker: Päivi Mäki-Arvela (Åbo Akademi University Finland)*

Day: 21 Friday afternoon

- 15:30 Use of ionic liquid as pretreatment for algae towards bioethanol production.
Speaker: Ricardo Pezoa (Åbo Akademi University, Finland)
- 16:00 Comparison of chromatographic and capillary electrophoresis analysis methods used for ionic liquid mediated biomass samples. *Speaker: Sari Hyvärinen (Åbo Akademi University, Finland)*
- 16:30 Round Table: Ongoing projects at QUILL, Aveiro and La Serena
Ken Seddon, João Coutinho and José O. Valderrama
- 17:15 Closing words
- 17:30 Farewell cocktail



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March 20 and 21, 2014



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Key Speakers (alphabetical order):

Dr. João Coutinho
University of Aveiro
Aveiro - Portugal

Dr. Kenneth Seddon
QUILL Center, Queen's University
Belfast, Northern Ireland (UK)

Dr. José O. Valderrama
Depto. de Ing. Mecánica
Univ. of La Serena

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Facultad de Ingeniería ULS
Depto. de Ing. Mecánica
Universidad de La Serena

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Coordinator:

Dr. José O. Valderrama
Depto. de Ing. Mecánica-Univ. de La Serena

Venue: Salón CETECFI, Faculty of Engineering ULS, La Serena -Chile