

MONDAY MORNING

Section A

Javits Convention Center

Ionic Liquids: Progress and Prospects (sponsored by Green Chemistry & Engineering and Separation Science & Technology Subdivisions)

Catalysis/Synthesis

Cosponsored with ENVR, and PETR

P. Wasserscheid, *Presiding*

R. D. Rogers, K. R. Seddon, and P. Wasserscheid, *Organizers*

8:00 — Introductory Remarks.

8:05 —**34.** Imidazolium-2-carboxylates: Versatile intermediates for the synthesis of ionic liquids and ligands. **I. Tkatchenko**, E. Bouajila, D. Poinso, I. Tommasi

8:25 —**35.** Catalysis in ionic liquids: towards the detection of reactive intermediates. **R. Giernoth**

8:45 —**36.** Green chemistry: Halide ionic liquids in action. **R. X. Ren**

9:05 —**37.** Developments of ionic liquids applications for ATOFINA processes. **P. Bonnet**

9:25 —**38.** Recyclable catalysts and reagents using ionic liquids based on biorenewable materials. **S. T. Handy**

9:45 — Intermission.

10:00 —**39.** New catalysts for hydroamination reactions: Transition metal complexes in supported ionic liquids. **T. E. Müller**

10:20 —**40.** Ionic liquids at Degussa: Catalyst heterogenization in an industrial process. **B. Weyershausen**, K. Hell, U. Hesse

10:40 —**41.** New synthetic routes, scale-up and technical applications of the ECOENG™-family. **M. Wagner**, M. Uerdingen, R. van Hal, P. Wasserscheid

11:00 —**42.** Supported ionic liquid phase (SILP) catalysis: Heterogenization of homogeneous catalysts. **A. Riisager**, R. Fehrmann, R. van Hal, P. Wasserscheid

11:20 —**43.** New, functionalized ionic liquids from Michael-type reactions: A chance for combinatorial ionic liquid development. **P. Wasserscheid**, B. Drießen-Hölscher, R. van Hal, C. Steffens