

THURSDAY AFTERNOON

Section A

Javits Convention Center

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

General Contributions

Cosponsored with ENVR, and PETR

R. D. Rogers and K. R. Seddon, *Organizers, Presiding*

1:15 — Introductory Remarks.

1:20 —**190**. Cellulose films regenerated from ILs and their role as scaffolding for enzyme attachment via glutaraldehyde. **M. B. Turner**, S. K. Spear, R. P. Swatloski, J. D. Holbrey, R. D. Rogers

1:35 —**191**. Investigations on the stability and aggregate formation of an ionic liquid. **S. Dorbritz**, W. Ruth, U. Kragl

1:50 —**192**. Ionic liquids: Highly effective medium for enantiopure amino acid esters via enzymatic resolution. **S. V. Malhotra**, H. Zhao

2:05 —**193**. Highly enantioselective asymmetric catalysis in ionic liquids. **W. Lin**, H. L. Ngo, A. Hu

2:20 —**194**. Density functional investigation of ionic liquid cation-anion ratios in the catalysis of Diels-Alder reactions. **O. Acevedo**, J. D. Evanseck

2:35 —**195**. Dialkyl imidazolium benzoates – room temperature ionic liquids useful in the peracetylation and perbenzoylation of simple and sulfated saccharides. **S. Murugesan**, N. Karst, R. J. Linhardt

2:50 —**196**. Reactivity of solvated and pre-solvated electrons in alkylammonium bistriflylimide ionic liquids. **A. M. Funston**, J. F. Wishart, P. Neta, S. I. Lall, R. Engel, J. F. Brennecke

3:05 — Intermission.

3:15 —**197**. Liquid-liquid equilibria of imidazolium-based ionic liquids and alcohols. **J. M. Crosthwaite**, S. N. V. K. Aki, E. J. Maginn, J. F. Brennecke

3:30 —**198**. Physicochemical properties of ionic liquids used in aluminum electrorefining at low temperatures. **V. Kamavaram**, R. G. Reddy

3:45 —**199**. Monte Carlo simulations of gas solubility in ionic liquids. **J. K. Shah**, J. L. Anthony, T. I. Morrow, J. F. Brennecke, E. J. Maginn

4:00 —**200**. Short-time local dynamics of ionic liquids: Neutron scattering and Molecular Dynamics simulations. **T. I. Morrow**, E. J. Maginn

4:15 —**201**. Solvation phenomena in ionic liquids. **M. N. Kobra**

4:30 —202. Control of the phase-boundary potential across the interface between room-temperature molten salt and water. **T. Kakiuchi**, N. Tsujioka, F. Shigematsu

4:45 —203. Thermal and kinetic studies of tri-alkyl-imidazolium salts. **D. M. Fox**, W. Awad, T. E. Sutto, J. W. Gilman, P. C. Trulove, H. C. De Long