

THURSDAY MORNING

Section A

Javits Convention Center

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

Inorganic/Materials

Cosponsored with ENVR, and PETR

M. Deetlefs and J. D. Holbrey, *Presiding*

R. D. Rogers, K. R. Seddon, J. D. Holbrey, and M. Deetlefs, *Organizers*

8:00 — Introductory Remarks.

8:05 —**181.** Refractive indices of ionic liquids. **M. M. Shara**, M. Deetlefs, K. R. Seddon

8:30 —**182.** Halide determination in ionic liquids. **C. Hardacre**, M. Deetlefs, W. R. Pitner, C. Villagran

8:55 —**183.** Structure and dynamics of ionic liquids. **C. M. Gordon**, A. Triolo

9:20 —**184.** Thermotropic-lyotropic, saturated, ionic liquid crystals. H. Chen, G. A. Nagana Gowda, C. L. Khetrapal, D. J. Abdallah, **R. G. Weiss**

9:45 — Intermission.

10:00 —**185.** Nanostructured materials based on room-temperature ionic liquids. **M. A. Firestone**, A. Wolf, J. Dzielawa, S. Seifert, M. L. Dietz

10:25 —**186.** Structural investigation of $[C_n\text{mim}]_2[\{(UO_2)(NO_3)_2\}_2(\mu_4-C_2O_4)]$ and $[C_n\text{mim}][\{(UO_2)(NO_3)_3\}]$ complexes. **M. Nieuwenhuyzen**, A. E. Bradley, C. Hardacre, W. R. Pitner, R. C. Thied, K. R. Seddon, D. Sanders

10:50 —**187.** Eu(III) luminescence spectroscopy in 1-methyl-3-butylimidazolium bistriflimide. **C. Gaillard**, I. Billard, S. Mekki, G. Moutiers, C. Mariet, A. Labet, P. Hesemann, J. Bünzli

11:15 —**188.** Metal ion transfer into room-temperature ionic liquids: The role of anionic complexes. **M. Jensen**, J. Neufeind, J. V. Beitz, S. Skanthakumar, L. Soderholm

11:40 —**189.** Ruthenium and uranium halide complexes in ionic liquids. **M. Deetlefs**, D. Appleby, P. A. Barnard, C. A. Bowlas, P. B. Hitchcock, C. L. Hussey, T. J. Mohammed, T. A. Ryan, K. R. Seddon, J. E. Turp, E. H. Ward, J. A. Zora