

SUNDAY MORNING

Section A

Javits Convention Center

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

Fuels & Applications

Cosponsored with ENVR, and PETR

J. H. Davis Jr., *Presiding*

R. D. Rogers, K. R. Seddon, and J. H. Davis Jr., *Organizers*

8:15 — Introductory Remarks.

8:20 —**1.** Deep desulphurization of fuels by extraction with ionic liquids. **A. Jess**

8:45 —**2.** Ionic liquids as alternatives to organic solvents in liquid-liquid extraction of aromatics. **G. W. Meindersma**, A. Podt, M. Gutiérrez Meseguer, A. B. De Haan

9:10 —**3.** Use of ionic liquids in oil shale processing. **M. Koel**

9:35 —**4.** Ionic liquid "polarity" effects on chemical reactions. **T. Welton**, N. L. Lancaster, L. Crowhurst, J. M. Perez-Arlandis

10:00 — Intermission.

10:15 —**5.** Biphasic hydroformylation catalysis in ionic liquid media. **C. P. Mehnert**, R. A. Cook, N. C. Dispenziere

10:40 —**6.** Predicting infinite dilution activity coefficients of organic solutes in ionic liquids using quantitative structure-property relationships. **D. M. Eike**, J. F. Brennecke, E. J. Maginn

11:05 —**7.** New task-specific ionic liquids (TSIL) in separations of petrochemical relevance. **J. H. Davis Jr.**, M. Tickell, P. A. Fox, I. Ntai

11:30 —**8.** Adiponitrile synthesis in room temperature ionic liquids. **C. Vallée**, Y. Chauvin, J. Galland, G. Niccolai, J. Basset