



Properties and Phase Equilibria for Product and Process Design



May 2013. Iguazu Falls, Argentina

Topics of Interest

Fundamentals

- Thermodynamics and phase equilibria (experimental & modeling)
- Transport properties and crystallization science
- Surfaces, interfaces and confinement effects
- Quantum computation and force fields
- Molecular simulation and multiscale simulation

Processing and Applications

- Agrochemicals, petrochemicals and biomass
- Gas&Oil downstream and upstream
- Renewable energy
- Product and process engineering
- Novel reaction and separation technologies (ionic liquids and electrolyte systems, gas hydrates, etc)
- Pharmaceuticals and cosmetics
- Biological systems
- Food and functional food processing
- Materials (polymers, metals, inorganic solids and liquid crystals)
- Nanoscience and nanotechnology
- Environment, sustainability and risk management

Deadline for abstract submission: October 2012

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