

Eighteenth Symposium on Thermophysical Properties

PROGRAM REVISIONS

As of: Thursday, June 21, 2012

Program corrections and changes are shown below, as far as known to the organizers on June 21, 2012. Further changes may be distributed daily to each session room prior to the start of the first morning session, as well as posted here.

MONDAY

Properties of Polymers 1 (p. 7)

Withdrawn: Comparing the Phase Behavior of Linear and Hyperbranched Polyglycerols, *Theo De Loos**, *Christian Schacht*, and *Joachim Gross*

Time Change: This paper now starts at 2:30 p.m.

A Lattice Fluid Equation of State for Associating CO₂-Polymer Systems, *Mohammad Hossain**, *Yanhui Yuan*, and *Amyr Teja*

Time Change: This paper now starts at 2:50 p.m.

Giant Electrical To Thermal Energy Conversion in P(VDF-TrFe)-Based Polymer Ferroelectric Films, *Zdravko Kutnjak**, *Brigita Rozic*, *Sheng-guo Lu*, and *Qiming Zhang*

TUESDAY

No changes.

WEDNESDAY

Inverse Problems and Non-destructive Evaluation 2 (p.50)

Speaker change: SRAS: A Laser Ultrasonic Technique to Determine Crystallographic Orientation, *Wenqi Li*, *Steve Sharples*, *Matt Clark**, and *Michael Somekh*

Properties of Solids 1 (p. 55)

Withdrawn: Gas Pressure and Temperature Dependences of Thermal Conductivity of Porous Materials in the Range of 300 K - 2100 K, 10⁻⁸ Bar - 10³ Bar, *Efim Litovsky*, *Doreen Bayer*, *Khaled Raed**, *Jacob Kleiman*, and *U. Gross*

Time Change: This paper now starts at 8:35 a.m.

Investigation of Porous Stone Material by Pulse Transient Method Using Model for Cuboid Form Samples and Influence of Heat Loss Effect, *Vlastimil Boháč** and *Viliam Vretenár*, and *Peter Dieška*

Time Change: This paper now starts at 8:55 a.m.

Measurement and Estimation of Thermal Conductivity of Polyimide Foam in the Temperature Range from 160 K to 370 K in a Vacuum, *Ryuichi Takagi**, *Sumitaka Tachikawa*, *Takahiro Ohmura*, and *Yuji Nagasaka*

Time Change: This paper now starts at 9:15 a.m.

Thermal Diffusivity Measurements of Carbon Materials, *Megumi Akoshima** and *Tetsuya Baba*

Time Change: This paper now starts at 9:35 a.m.

Heat Capacity Anomaly of Superconducting Transitions and Occurrence of Superconductivity, *Peter Love**

WEDNESDAY, continued

Fluid Property Measurements 5 (p.58, 59)

Withdrawn: Thermal Conductivity of Pressurized Solutions Containing Polydimethylsiloxane and Carbon Dioxide, *Eckhard Weidner**, *Stefanie Lang*, and *Andreas Kilzer*

Time Change: This paper now starts at 11:40 a.m.

Measurement of Thermal Conductivity of Tetra-n-butyl Ammonium Bromide (TBAB) Semi-Clathrate Hydrate by the Transient Hot-Wire Method using Parylene-Coated Probe, *Tatsuya Nagatomi**, *Ryo Ohmura*, *Yoshihiro Taguchi*, and *Yuji Nagasaka*

Time Change: This paper now starts at 12:00 p.m.

The Frits Riddle or How to Measure Fluid Thermal Conductivity at Vanishing Convection, *Ulf Hammerschmidt** and *Muhammad Abid*

Properties of Fossil Fuels 3 (p.113)

Speaker change: Phase Behavior Study of Model Asphaltene/Toluene/CO₂ Systems, *Samaneh Soroush*, *Bianca Breure*, *Cor Peters**, and *Theo De Loos*

THURSDAY

Properties of Fossil Fuels 4 (p. 120)

Chair change: The new chair is Velisa Vesovic

Thermal Properties of Nanostructured Materials 1 (p. 128)

Speaker change: Observation of Ballistic Thermal Transport across 2D Nanoscale Interfaces, *Kathleen Hoozeboom-Pot*, *Qing Li*, *Damiano Nardi**, *Margaret Murnane*, *Henry Kapteyn*, *Xiaobo Li*, *Ronggui Yang*, and *Erik Anderson*

Wetting, Interfaces, and Membranes 5 (p. 129)

Withdrawn: A Molecular Dynamics Simulation on the Boundary Thermal Resistance over a Solid-Liquid Interface, *Song Ge** and *Min Chen*

Time Change: This paper now starts at 11:00 a.m.

Anisotropy in Wetting of Oriented Sapphire Surfaces by Liquid Al-Cu Alloys, *Julianna Schmitz**, *Jürgen Brillo*, and *Ivan Egry*

Time Change: This paper now starts at 11:20 a.m.

Experimental and Molecular Dynamics Investigation of Interfacial Tension between CO₂ and Brine Under High Temperature and Elevated Pressure Conditions, *Xuesong Li**, *Edo Boek*, *Geoffrey C. Maitland*, and *J. P. Martin Trusler*

Time Change: This paper now starts at 11:40 a.m.

The Optical Properties of Water and Aqueous Solutions Close to Ion-Exchange Membranes, *Nikolay Bunkin**, *Valery Kozlov*, and *Nikolay Suyazov*

Databases and Software 2 (p. 135)

Addition: An Open Source Software and Database Structure for Thermodynamic and other Materials Properties, *Bo Sundman**, *Ursula Kattner*, *Suzana G. Fries*, and *Mauro Palumb. starts at 5:15 p.m.*

FRIDAY

Databases and Software 3 (p. 140)

Moved: This paper has been moved to Databases and Software 2 on Thursday:

An Open Source Software and Database Structure for Thermodynamic and other Materials Properties, *Bo Sundman**,
Ursula Kattner, Suzana G. Fries, and Mauro Palumb.

Time Change: This paper now starts at 9:35 a.m.

Effect of Uncertainties in Physical Property Estimates on Process Design - Sensitivity Analysis, *Amol Hukkerikar**,
Mark Jones, Gürkan Sin, and Rafiqul Gani