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Sunday August 14, 2016

Welcome Reception, Exhibition and Poster Sessions

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Wim de Klerk – ICTAC President

Chris Li – NATAS President

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Pelican

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Denise Rafferty – Lubrizol (Session Chair)

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* Keynote Speaker

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Wenwen Huang – Tufts University
Vesa-Pekka Lehto – University of Eastern Finland (Session Chairs)

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* Keynote Speaker

Tuesday, August 16, 2016

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Executive Coach

Swan Ballroom

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Kinetics

Osprey 1

Sergey Vyazovkin – University of Alabama Birmingham
Nobuyoshi Koga – Hiroshima University
Jiri Malek – University of Pardubice

* 9:00 - 9:40 am	Kinetic Analysis of Complex Solid-state Reactions <i>L. A. Perez-Maqueda (Institute of Materials Science of Seville (CSIC-Univ-Sevilla)) A. Perejón, P. E. Sanchez Jimenez, J. M. Criado.....145</i>	KIN-12
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* Keynote Speaker

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* Keynote Speaker

Thermoelectric Properties **Mockingbird 1**

Yoshikazu Shinohara – NIMS (Session Chair)

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Robert Campbell – Netzsch Instruments (Session Chair)

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* Keynote Speaker

Food Technology and Related Areas

Mockingbird 1

Perla Relkin – AgroParisTech (Session Chair)

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Ospyrey 2

Steve Sauerbrunn – University of Delaware (Session Chair)

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* Keynote Speaker

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Paul Vaitiekunas – TA Instruments (Session Chair)

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* Keynote Speaker

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Polymer Phase Transformation

Swan 7 & 8

Christopher Li – Drexel University (Session Chair)

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* Keynote Speaker

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* Keynote Speaker

Wednesday, August 17, 2016

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SETARAM ICTAC Award

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Kinetics

Osprey 1

Sergey Vyazovkin – University of Alabama Birmingham

Nobuyoshi Koga – Hiroshima University

Jiri Malek – University of Pardubice

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Kinetics Committee Discussion

* Keynote Speaker

Polymer Stability, Degradation, and Flammability

Osprey 2

Jeremy Clifton – Northrop Grumman
Mark Beach – Dow Chemical (Session Chairs)

* 9:00 – 9:40 am	Thermal Degradation of Phosphorus Compounds Derived from Isosorbide bis-Acrylate <i>Y. Daniel (Central Michigan University), B. A. Howell.....214</i>	PSDF-1
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11:40 – 12:00 pm	Rheology in Customizing Silicone Elastomer Cure Properties: A New Approach to the Inhibition and Control of Cure <i>G. Munzing (Gelest Inc), J. Matisons.....220</i>	PSDF-7

* Keynote Speaker

Energetic Materials and Thermal Hazards

Swan 7 & 8

Brandon Weeks – Texas Tech University
Wim de Klerk - TNO
Astumi Miyake - Yokohama National University
Chi-Min Shu - National Yunlin University of Science and Technology
(Session Chairs)

* 9:00 -9:40 am	Synthesis and Thermal Analysis of Pyrotechnic Energetic Polyurethane Foams <i>J. Oxley (University of Rhode Island), R. Levine, J. Smith.....221</i>	EM-1
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10:00 - 10:20 am	Reduction of Explosion Hazard of Silver Oxalate-Part I: Mg-scale Tests for Sensitivity Evaluation <i>Y. Sato (National Institute of Occupational Safety and Health, Japan), K. Okada, M. Akiyoshi, T. Matsunaga, Y. Makita, H. Kubo.....223</i>	EM-3
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Biomaterials, Biopolymers

Mockingbird

Patrick Smith – Michigan State University, Midland (Session Chair)

* 9:00 - 9:40 am	Thermal Properties of Phosphorus Derivatives of Isosorbide <i>B.A. Howell (Central Michigan University), Y. Daniel228</i>	BM-1
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* Keynote Speaker

9:40 - 10:00 am	Thermal Analyses of Poly(lactic acid) PLA and Microground Paper Composites <i>R. Bubeck (Michigan State University, Midland), P. Smith, A. Dumitrascu, A. Merrington.....229</i>	BM-2
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Events and Gala

1:20 to 9:30 pm

* Keynote Speaker

Thursday, August 18, 2016

Plenary Lectures

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8:00 - 9:00 am	Melting Kinetics of Polymer Crystals Examined by Fast-scan DSC <i>A. Toda (Hiroshima University), S. Yamashita, T. Ando, K. Taguchi, K. Nozaki, M. Maruyama, Y. Mizutani, K. Tagashira, T. Fukushima, H. Kaji, M. Konishi.....235</i>	PL 6
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Glasses, Thermosets, and Nanoconfinement Osprey 1

Yung Koh – Texas Tech University

* 9:00 - 9:40 am	NATAS Student Award sponsored by SETARAM Size-dependent Melting of Structurally Segmented Aliphatic Lamellar Crystals <i>Z. Ye (University of Illinois at Urbana-Champaign), L. de la Rama, M. Efremov, K. Seymour, W. Kriven, L. Allen.....236</i>	GL-1
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10:00 - 10:20 am	Relationship Between Fragility and Tg Changes on Confinement for Three Cyanurates <i>E. Lopez (Texas Tech University), S. Simon.....238</i>	GL-3
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Lifetime Prediction **Mockingbird**

Ignazio Blanco – University of Catania (Session Chair)

*	9:00 - 9:40 am	Lifetime Prediction of Materials Studied by Isoconversional Methods <i>P. Šimon (Slovak University of Technology), T. Dubaj, Z. Cibulková.....246</i>	LP-1
	9:40 - 10:00 am	Lifetime Prediction of Nitrile Rubber By a Sensitive In-situ Stability Evaluation Method <i>R. Yang (Tsinghua University), X. Liu, J. Zhao.....248</i>	LP-2
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Energetic Materials and Thermal Hazards

Swan 7 & 8

Brandon Weeks – Texas Tech University
Wim de Klerk - TNO
Astumi Miyake - Yokohama National University
Chi-Min Shu - National Yunlin University of Science and Technology
(Session Chairs)

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Osprey 2

Roger Blaine - Retired
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Friday, August 19, 2016

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Dimitri Iranov - Institut de Sciences des Matériaux de Mulhouse (Session Chair)

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Jan Vermant - ETH Zürich (Session Chairs)

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Energetic Materials and Thermal Hazards
Swan 8

Brandon Weeks – Texas Tech University
Wim de Klerk - TNO
Astumi Miyake - Yokohama National University
Chi-Min Shu - National Yunlin University of Science and Technology
(Session Chairs)

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Wassila Benissa - Solvay
Chi-Min Shu - National Yunlin University of Science and Technology
(Session Chairs)

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Macaw

Ranjit K. Verma – Patna University (Session Chair)

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1:00 – 3:00 pm

* Keynote Speaker