



Advances in Polyolefins: 2011

September 25-28, 2011

Sonoma Valley, CA

Lecture Table of Contents

SUNDAY, SEPTEMBER 25

2:30 PM	<i>REGISTRATION</i>	
3:15 PM	James E. McGrath and Pal Arjunan Overview and Objectives of the Workshop	
KEY NOTE ADDRESS SESSION		
Introduction: Pal Arjunan & Jim McGrath		
3:30 PM	Amy Motto, Albemarle Corporation Catalyst Developments Meeting Global Polyolefin Industry Trends	1
4:00 PM	Srivatsan Iyer, Braskem-USA N. America Polyolefins – Incremental Change or Transformation	2
4:30 PM	Shashikant Sharma, IOCL – R/D Center, Faridabad, INDIA Indian Polyolefins Industry Status– An Overview	3
5:00 PM	Edmund Carnahan, The Dow Chemical Company Performance Polyolefins by Molecular Design	4
5:30 PM	Jeffrey C. Yoder, Freeslate, Inc. High Throughput Research for Polyolefin Catalyst and Product Development	5
6:00 PM	<i>END SESSIONS</i>	
6:30 PM	<i>WELCOME RECEPTION</i>	

MONDAY, SEPTEMBER 26

7:00 AM	<i>CONTINENTAL BREAKFAST</i>	
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Discussion Leader – Pal Arjunan, Albemarle Corporation		
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8:30 AM	Rolf Gueller, Michael Schneider, and Annie Schnyder, Chemspeed Technologies, SWITZERLAND SMOLEFIN [®] , a Paradigm Shift in Polyolefin R & D and Quality Control	7
9:00 AM	Lawrence R. Sita, University of Maryland Advances and Opportunities for ‘Two-State’ Living Coordinative Chain Transfer Olefin Polymerization	8
9:30 AM	David R Weisinger, ExxonMobil Chemical Novel Propylene-based Elastomers – Product Development/Applications	9
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11:00 AM	<u>Steve Wilkinson, DuPont</u> Recent Advances and Applications in DuPont Ethylene Copolymers	11
11:30 AM	<u>T.C. (Mike) Chung, The Pennsylvania State University</u> Design and Synthesis of New Polyolefin Materials for Ion-Conductive Membranes and Oil Super-Absorbents (oil-SAP) for Oil Spill Recovery	12
12:00 noon	<i>LUNCH</i>	

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Discussion Leader – Taeho Ko, AkzoNobel Functional Chemical		
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2:00 PM	<u>A. Willem deGroot, Jeff Weinhold, and Wallace Yau, The Dow Chemical Company</u> The Use of Statistical Modeling and Chromatography to Characterize both Long Chain and Short Chain Branching in Polyolefins	14
2:30 PM	<u>Franck D'Agosto and Christophe Boisson, Université de Lyon, FRANCE</u> Preparation of Polyethylenes Bearing a Functional Chain End and their use for the Design of Original Polyethylene Based Materials	15
3:00 PM	<i>BREAK</i>	

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Discussion Leader – Srivatsan Iyer, Braskem-USA		
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4:30 PM	<u>Moris S. Eisen, Technion-Israel Institute of Technology, ISRAEL</u> Cocatalyst Effects in the Polymerization of α -Olefins by Group 4 Imidazolin-2-iminato and Benzamidinate Complexes	18
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8:30 AM	<u>G.S.Kapur</u>, <u>K.K. Vimal</u>, <u>V. Kagdiyal</u>, and <u>Shashikant</u>, Indian Oil Company Ltd., INDIA Structure-Property-Performance Relationships of High Density Polyethylene in Large Blow Molding Applications	21
9:00 AM	<u>Lubin Luo</u> and <u>Steven Diefenbach</u>, Albemarle Corporation New Insights into MAO Activation. Part II	22
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7:00 AM	<i>CONTINENTAL BREAKFAST</i>	
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