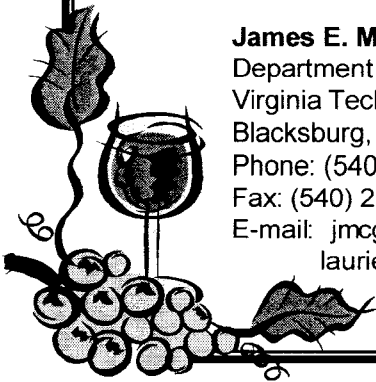


POLYOLEFINS III

Sonoma Doubletree Hotel
Rohnert Park, California
October 7 - 10, 2001

PROGRAM

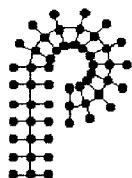
Co-Organizers



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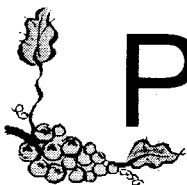
Dr. Pal Arjunan
ExxonMobil Chemical Corporation

Dr. Thomas Hanlon
Albemarle Corporation



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AMERICAN CHEMICAL SOCIETY





PROGRAM

Sunday, October 7, 2001

1:00 PM Scenic Tours of the Sonoma and Napa Valley (optional, on your own)

6:00 PM REGISTRATION BEGINS

6:30 PM WELCOMING RECEPTION

Monday, October 8, 2001

7:30 AM BREAKFAST

8:15 AM Introduction, Overview and Objectives of the Workshop
James E. McGrath

Invited Lecture Session I

Clive Bosynak, Dow Chemical, Discussion Leader

8:30 AM Patrick Brant, Exxon Chemical

"An Overview of Some Recent Developments"

9:15 AM Walter Kaminsky, Institute for Technical and Macromolecular Chemistry,
University of Hamburg, Germany

**"Tailored Polypropylenes and Copolymers by Metallocene
Catalysis"**

10:00 AM BREAK

Invited Lecture Session II

Garth Wilkes, Virginia Tech, Discussion Leader

10:15 AM Bernhard Wunderlich, University of Tennessee

**"Temperature-modulated Differential Scanning Calorimetry of
the Crystallization/Melting Equilibrium in Paraffins and
Polyethylene"**

11:00 AM Jim Randall, Exxon Chemical (retired)

**"Implications from End Group Characterization versus
Experimental Conditions in the Polymerization of Metallocene
Polypropylenes"**

11:45 AM Martin Guest, The Dow Chemical Company

**"Advances in Developments of Copolymers Based on Ethylene
and Styrene"**

12:30 PM LUNCH

Invited Lecture Session III

Thomas Hanlon, Albemarle (retired), Discussion Leader

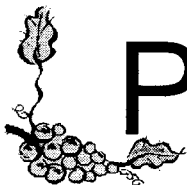
2:00 PM Vernon Gibson, Imperial College of Science, Technology and Medicine,
London, UK

**"Recent Advances in the Design of Molecular Catalysts for
Olefin Polymerization"**

2:45 PM Tobin Marks, Northwestern University

**"Catalyst-Cocatalyst Interactions and Nuclearity Effects in
Single-Site Olefin Polymerization Processes"**

3:30 PM BREAK



PROGRAM cont'd

Invited Lecture Session IV

Paul Deck, Virginia Tech, Discussion Leader

-
- 3:45 PM John Bercaw, California Institute of Technology
 "Mechanistic Aspects of Stereocontrol for Metallocene-Catalyzed Polymerizations of Propylene and 3-Substituted- α -Olefins"
-
- 4:30 PM Takuzo Aida, The University of Tokyo, Japan
 "Polymerization of Olefins with Porous Nanoreactors"
-
- 5:15 PM Pierre Lutz, Institut Charles Sadron
 "(CO-)polymerization of Olefins with Macromonomers via Coordination Catalysis: A Critical Review with New Developments"
-
- 6:15 PM RECEPTION AND POSTER PRESENTATION
 Paul Deck, VA Tech
-
- 7:30 PM DINNER ON YOUR OWN

Tuesday, October 9, 2001

7:30 AM BREAKFAST

Invited Lecture Session V

Judy Riffle, Virginia Tech, Discussion Leader

-
- 8:15 AM Peter Nickias, Dow Chemical Company
 "INSITE Technology: New Catalysts for the Production of Polyolefins"
-
- 9:00 AM Richard F. Jordan, The University of Chicago
 "Reactions of Single-Site Olefin Polymerization Catalysts with Polar Monomers"
-
- 9:45 AM Roderic P. Quirk, Maurice Morton Institute of Polymer Science, University of Akron
 "The Syndiospecific Polymerization (and Copolymerization with Styrene) of *para*-Alkyl-Substituted Styrenes"
-
- 10:30 AM BREAK

Invited Lecture Session VI

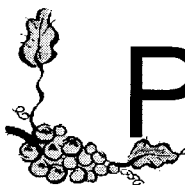
Al Shultz, Virginia Tech, Discussion Leader

-
- 10:45 AM Elizabeth Meehan, Polymer Laboratories, Inc., UK
 "Gel Permeation Chromatography and Hyphenated Techniques Applied to the Characterization of Polyolefins"
-
- 11:30 AM Hans Thomann, ExxonMobil Corporate Strategic Research Lab
 "Metallocene Electronic Structure Characterization Using A Novel Approach"
-
- 12:15 PM LUNCH

Invited Lecture Session VII

Pal Arjunan, ExxonMobil, Discussion Leader

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- 1:30 PM Pal Arjunan, ExxonMobil Chemical Company
 "E/NB-LLDPEs Revisited: Synthesis, Structure/Properties, and Applications"
-



PROGRAM cont'd

2:15 PM	<u>Robert Waymouth</u> , Stanford University "Kinetic Control of Polymer Architecture: Alternating, Block and Graft Copolymers"
3:00 PM	<u>Brian Goodall</u> , Albemarle Inc. "The Quest for the Perfect Activator: Bringing Aluminoxane Chemistry into Sharper Focus"
3:45 PM	BREAK
<i>Invited Lecture Session VIII</i> James E. McGrath, Virginia Tech, Discussion Leader	
4:00 PM	<u>Rick King</u> , Ciba Specialty "Additives for Polyolefins: Chemistry vs. Effect"
4:45 PM	Ashish M. Sukhadia and David C. Rohlfing - Phillips-Chevron Company, Matthew B. Johnson and <u>Garth L. Wilkes</u> - Virginia Tech "Structural and Rheological Considerations Regarding Haze from LLDPE Blown and Melt Cast Films Based Principally on Narrow Distribution Metallocene Resins"
5:30 PM	<u>Darryl Harrison</u> , NOVA Research and Technology Center, NOVA Chemicals Corporation "The Evolution of NOVA Chemicals' PE Technology's: Catalyst Advances"
7:00 PM	BANQUET
Wednesday, October 10, 2001	
7:30 AM	BREAKFAST
<i>Invited Lecture Session IX</i> Jim Randall, ExxonMobil (retired), Discussion Leader	
8:15 AM	<u>Minoru Terano</u> , Japan Advanced Institute of Science and Technology, Japan "New Aspects on Roles and Effects of Internal and External Donors on MgCl ₂ - Supported Ziegler Catalyst"
9:00 AM	<u>Francis Mirabella</u> , Equistar Chemicals, LP "Sequence of Events in the Crystallization of Poly(ethylene- α -olefin) Copolymers and Relationship of Crystallization and Composition Fractionation (TREF)"
9:45 AM	<u>Rufina G. Alamo</u> , Florida A & M University and Florida State University "Crystallization and Melting Kinetics of Poly(propylenes): Effect of Concentration and Type of Defects"
10:30 AM	BREAK
<i>Invited Lecture Session X</i> Fran Mirabella, Equistar Chemicals, LP, Discussion Leader	
10:45 AM	<u>Ioan Tincu</u> , Sasol, South Africa "Propylene/1-pentene Random Copolymers: A Unique Family of Polymers in the Polypropylene Family"
11:30 AM	<u>Akihiro Yano</u> , TOSOH Corporation, Japan "Homo- and Copolymerization of Ethylene and α -Olefin with Ph ₂ C(Cp)(Flu)ZrCl ₂ Based Catalysts"
12:15 PM	CLOSING REMARKS

ADDENDUM TO PROGRAM

MONDAY, OCTOBER 8, 2001

5:15 PM Pierre Lutz, Institut Charles Sadron
"Copolymerization of Olefins with Macromonomers: A Critical
Review with New Developments"
CANCELLED

TUESDAY, OCTOBER 9, 2001

8:15 AM Peter Nickias, Dow Chemical Company
"INSITE Technology: New Catalysts for the Production of
Polyolefins"

CANCELLED AND REPLACED BY

8:15 AM Paul Deck, Virginia Tech
"Using F-19 NMR Spectroscopy to Observe Metallocene
Activation Pathways in Solution"

11:30 AM Hans Thomann, ExxonMobil Corporate Strategic Research Lab
"Metallocene Electronic Structure Characterization Using A Novel
Approach"

PRESENTER REPLACED BY

Patrick Brant, ExxonMobil Chemical Company