

## TECHNICAL PROGRAM SCHEDULE

September 15 - 17, 2008  
The Westin Valencia - La Exposición Room-

Sunday		September 14th, 2008
17:30 - 19:30	Registration	
19:30	Welcome Cocktail	

Monday		September 15th, 2008
7:00 - 8:00	Registration and Breakfast	
8:00 - 8:15	Opening Remarks	
<i>Morning Sessions Moderator: Benjamin Monrabal</i>		
<b>Morphology-Thermal Analysis (I)</b>		
8:15 - 9:00 <i>Keynote Speaker</i>	<b>Rufina Alamo</b> / FAMU-FSU College of Engineering (USA) <a href="#">Crystallization of Branched Polyolefins</a>	
9:00 - 9:30 <i>Invited Speaker</i>	<b>Satoru Hosoda</b> <sup>1</sup> , Y. Nozue <sup>1</sup> , Y. Kawashima <sup>1</sup> , T. Nagamatsu <sup>1</sup> , K. Wagener <sup>2</sup> , E. Berde <sup>2</sup> , G. Rojas <sup>2</sup> , T. Baughman <sup>2</sup> / <sup>1</sup> Sumitomo Chemical Co. Ltd (Japan) <sup>2</sup> University of Florida (USA) <a href="#">Lamella Morphology and Phase Transition of Polyethylenes with Precisely Sequential Short Chain Branching</a>	
9:30 - 10:00	<b>Georg Bar</b> <sup>1</sup> , Ewa Tocha <sup>1</sup> , Eddy Garcia-Meitin <sup>2</sup> , Cliff Todd <sup>3</sup> , John Blackson <sup>3</sup> / <sup>1</sup> Dow Olefinverbund GmbH (Germany) <sup>2</sup> The Dow Chemical Co.(TX, USA) <sup>3</sup> The Dow Chemical Co. (MD, USA) <a href="#">New routes to high resolution and automated polymer morphology microscopy via scanning electron microscopy</a>	
10:00 - 10:30	Coffee Break	
<b>Separation-Fractionation (I)</b>		
10:30 - 11:00 <i>Invited Speaker</i>	Andreas Albrecht <sup>1,2</sup> , Robert Brüll <sup>1*</sup> , <b>Harald Pasch</b> <sup>1,3</sup> , Tibor Macko <sup>1</sup> / <sup>1</sup> Deutsches Kunststoff-Institut (DKI) (Germany), <sup>2</sup> Dutch Polymer Institute (DPI) (The Netherlands), <sup>3</sup> University of Stellenbosch (South Africa) <a href="#">High Temperature Interaction Chromatography and High Temperature 2-Dimensional-Chromatography of Olefin Copolymers</a>	
11:00 - 11:30	<b>Volker Dolle</b> <sup>1</sup> , Robert Brüll <sup>2</sup> , S. Müller <sup>1</sup> , Tibor Macko <sup>2</sup> , Andreas Albrecht <sup>2,3</sup> / <sup>1</sup> LyondellBasell (Germany) <sup>2</sup> Deutsches Kunststoff-Institut (DKI) (Germany) <sup>3</sup> Dutch Polymer Institute (DPI) (The Netherlands) <a href="#">High temperature HPLC of polyolefins</a>	
11:30 - 12:00	<b>Yefim Brun</b> , DuPont (USA) <a href="#">Characterization of Molecular Heterogeneities in Ethylene Copolymers using Liquid Chromatography and On-line Spectroscopy</a>	
12:00 - 12:30	<b>Tibor Macko</b> / Deutsches Kunststoff-Institut (DKI) (Germany) <a href="#">Liquid chromatography separation of polyethylene oligomers</a>	

12:30 - 14:00	Lunch
<i>Afternoon Sessions Moderator: Colin Li Pi Shan</i>	
<b>Separation-Fractionation (II)</b>	
14:00 - 14:30	<b>João Soares</b> / Univ. of Waterloo (Canada) <a href="#">Simulation of CRYSTAF Profiles of linear Olefin Block Copolymers</a>
14:30 - 15:00	<b>Willem Degroot</b> , David Gillespie, Jeff Weinhold / The Dow Chemical Co. (USA) <a href="#">The Characterization of Branched Polyolefins using Multi-Disciplinary Methods - A Toolbox Approach to LCB Characterization</a>
15:00 - 15:30	<b>Zengrong Zhang</b> , Nova Chemicals (Canada) <a href="#">Use of FTIR Spectrometry for On-Line Detection in Temperature Rising Elution Fractionation</a>
15:30 - 16:00	Coffee Break
<b>Molecular Structure and Properties (I)</b>	
16:00 - 16:30 <i>Invited Speaker</i>	<b>Dujin Wang</b> , Yongyan Pang, Haijin Zhu, Xia Dong, Ying Zhao / Inst. of Chemistry Chinese Academy of Sciences, ICCAS (China) <a href="#">Structure-property correlations of isotactic propylene-elastomer blends</a>
16:30 - 17:00	<b>Joy Cheng</b> <sup>1</sup> , Maria Anna Polak <sup>2</sup> , Alexander Penlidis <sup>1</sup> / <sup>1</sup> Dep. of Chemical Engineering, University of Waterloo (Canada), <sup>2</sup> Dep. of Civil Engineering, University of Waterloo (Canada) <a href="#">Molecular Structural Relationship between Tensile Strain Hardening and Environmental Stress Cracking Resistance of Polyethylene</a>
17:00 - 17:30	<b>Mikhail A. Matsko</b> , Ludmila G. Echevskaya, Vladimir A. Zakharov, Tatyana B. Mikenas, Marina I. Nikolaeva, Marina P. Vanina / Boreskov Institute of Catalysis (Russia) <a href="#">Study of Multicenter Nature of Supported Ziegler-Natta Catalysts over Data on Molecular Weight Distribution of Polyethylene and Composition Heterogeneity of Copolymers</a>
17:45	<b>Poster Session</b>
19:00	<b>Poster Session Cocktail</b>

<b>Tuesday</b>		<b>September 16th, 2008</b>
7:00 - 8:00	Breakfast	
<i>Morning Sessions Moderator: Minoru Terano</i>		
<b>Rheology</b>		
8:00 - 8:30 <i>Invited Speaker</i>	<b>Gregory B. McKenna</b> , Changping Sui / Texas Tech University (USA) <a href="#">Nonlinear Response of Branched Polymers in Reversing Step Strain Histories</a>	
8:30 - 9:00 <i>Invited Speaker</i>	<b>Masayuki Yamaguchi</b> / <b>Japan Advanced Inst. of Science and Technology, JAIST</b> (Japan) <a href="#">Anomalous rheological response for blends of linear polyethylene and long-chain branched polyethylene</a>	
9:00 - 9:30	<b>Joachim Kaschta</b> <sup>1</sup> , Julia A. Resch <sup>1</sup> , Florian J. Stadler <sup>2</sup> , Helmut Münstedt <sup>1</sup> / <sup>1</sup> FAU Erlangen-Nürnberg (Germany), <sup>2</sup> Université catholique de Louvain (Belgium) <a href="#">Elastic properties of linear and various long-chain branched polyethylene melts and their temperature dependence</a>	

<b>9:30 - 10:00</b>	Florian J. Stadler, <b>Christian Bailly</b> , Université catholique de Louvain (Belgium) <a href="#">Relaxation Spectra – a Powerful Probe of Polymers Dynamics and Architecture</a>
<b>10:00 - 10:30</b>	Coffee Break
<b>Molecular Structure and Properties (II)</b>	
<b>10:30 - 11:00</b> <i>Invited Speaker</i>	<b>Koh-hei Nitta</b> <sup>1</sup> , Hirohito Maeda <sup>2</sup> / <sup>1</sup> Kanazawa University (Japan), <sup>2</sup> School of Materials Science, JAIST (Japan) <a href="#">A New Characterization Method for Creep Behavior of Polyethylenes</a>
<b>11:00 - 11:30</b> <i>Invited Speaker</i>	<b>Paul Deslauriers</b> , David C. Rohlfiing / <sup>1</sup> Chevron Phillips Chemical Company (USA) <a href="#">Estimating slow crack growth resistance in polyethylene resins from polymer microstructure</a>
<b>11:30 - 12:00</b>	<b>Adriane G. Simanke</b> , Manoela V. Ellwanger / Centro de Tecnologia e Inovação – Braskem S.A. (Brazil) <a href="#">Influence of molecular weight and morphology on UHMWPE properties</a>
<b>12:00 - 12:30</b>	Carlos Domínguez <sup>1</sup> , Alicia Carrero <sup>1</sup> , Marcelo Aroca <sup>2</sup> , Oscar Prieto <sup>2</sup> , <b>Rafael A. García</b> <sup>1</sup> / <sup>1</sup> Univ. Rey Juan Carlos (Spain), <sup>2</sup> Repsol-YPF (Spain) <a href="#">Slow Crack Growth Resistance in Different Bimodal Polyethylene Blends for Pipe Applications</a>
<b>12:30 - 14:00</b>	Lunch
<i>Afternoon Sessions Moderator: João Soares</i>	
<b>Separation-Fractionation (III)</b>	
<b>14:00 - 14:30</b>	<b>Benjamin Monrabal</b> , Loli Romero, Nuria Mayo, Juan Sancho-Tello / Polymer Char (Spain) <a href="#">Advances in Crystallization Elution Fractionation</a>
<b>14:30 - 15:00</b>	Rongjuan Cong <sup>1</sup> , <b>Willem deGroot</b> <sup>1</sup> , Chanda Klinker <sup>1</sup> , Wallace Yau <sup>1</sup> , Lonnie Hazlitt <sup>1</sup> , John Lyons <sup>1</sup> , Benjamin Monrabal <sup>2</sup> / <sup>1</sup> The Dow Chemical Co. (USA), <sup>2</sup> Polymer Char (Spain) <a href="#">Characterization of Short Chain Branching in Polyolefins by Crystallization Elution Fractionation</a>
<b>15:00 - 15:30</b>	<b>Albert van Reenen</b> <sup>1</sup> , Margaretha Brand <sup>1</sup> , Erich Rohwer <sup>2</sup> and Piet Walters <sup>2</sup> / <sup>1</sup> Dep. Chem. and Polymer Sc., Univ. of Stellenbosch (South Africa), <sup>2</sup> Laser Physics Inst., Univ. of Stellenbosch (South Africa) <a href="#">The development and use of a turbidity analyzer for studying solution crystallization of polyolefins</a>
<b>15:30 - 16:00</b>	Coffee Break
<b>Separation-Fractionation (IV)</b>	
<b>16:00 - 16:30</b>	<b>Wallace W. Yau</b> <sup>i</sup> , David Gillespie <sup>1</sup> , Ray Brown <sup>ii</sup> , Justin Langston <sup>1</sup> , Rongjuan Cong <sup>1</sup> , Tianzi Huang <sup>1</sup> , Lonnie Hazlitt <sup>1</sup> , and Willem deGroot <sup>1</sup> / <sup>1</sup> The Dow Chemical Co., Freeport, TX (USA), <sup>2</sup> The Dow Chemical Co., Plaquemine, LA (USA) <a href="#">The Fundamentals of Band Broadening Correction for Triple-Detector GPC</a>
<b>16:30 - 17:00</b>	<b>Siripon Anantawaraskul</b> <sup>1</sup> , Warawut Bongsontia <sup>1</sup> , João B.P. Soares <sup>2</sup> / <sup>1</sup> Kasetsart University (Thailand), <sup>2</sup> University of Waterloo (Canada) <a href="#">Simultaneous Deconvolution of Molecular Weight Distribution and Chemical Composition Distribution of Polyolefins Synthesized with Multi-Site Type Catalysts</a>
<b>17:00 - 17:30</b>	<b>Greg Saunders</b> , Steve O'Donohue and Ben MacCreath / Polymer Laboratories, now a part of Varian (UK) <a href="#">The Effect of Analysis and Sample Preparation Temperatures on the Chromatography of</a>

	Polyolefins by High Temperature GPC
17:45	Vendor Session
19:00	Vendor Session Cocktail

Wednesday		September 17th, 2008
Afternoon Sessions Moderator: Rufina Álamo		
<b>Spectroscopy</b>		
8:00 - 8:30 <i>Invited Speaker</i>	<b>Robert Brüll</b> <sup>1</sup> , G. Geertz <sup>1</sup> , J. Wüst <sup>2</sup> , K. Engelsing <sup>2</sup> , M. Wenzel <sup>2</sup> / <sup>1</sup> Deutsches Kunststoff-Institut (Germany), <sup>2</sup> SKZ (Germany) <a href="#">Studying the Ageing Behaviour of PP-pipes using Imaging Techniques</a>	
8:30 - 9:00	<b>Tetsuya Morioka</b> / <sup>1</sup> Japan Polychem (Japan) <a href="#">Evaluation of the Homogeneity of Copolymers by NMR Triad Analysis</a>	
9:00 - 9:30	<b>Matt Parkinson</b> , Isa Fonseca, Gerhard Hubner / Borealis Polyolefine GmbH, (Austria) <a href="#">Melt-State NMR Spectroscopy for Polyolefin characterisation in Industry</a>	
9:30 - 10:00	<b>Andreas Maus</b> <sup>1</sup> , Christina Brinkel <sup>1</sup> , Dieter Lilge <sup>1</sup> , Ken van Every <sup>2</sup> , Mike Camacho <sup>2</sup> , Ronald Grinstead <sup>2</sup> / <sup>1</sup> LyondellBasell (Germany), <sup>2</sup> LyondellBasell (USA) <a href="#">Proton Low-Field NMR Investigation on Polyolefines in Solid &amp; Molten State</a>	
10:00 - 10:30	Coffee Break	
<b>Morphology-Thermal Analysis (II)</b>		
10:30 - 11:00 <i>Invited Speaker</i>	<b>Javier Martínez-Salazar</b> / Inst. de Estructura de la Materia, CSIC (Spain) <a href="#">Effect of the short chain branching on the unit cell of polyethylene</a>	
11:00 - 11:30	<b>Paola Stagnaro</b> <sup>1a</sup> , L. Boragno <sup>1a,2</sup> , S. Losio <sup>1b</sup> , M.C. Sacchi <sup>1b</sup> , G. C. Alfonso <sup>2</sup> , F. Piemontesi <sup>3</sup> , M. Galimberti <sup>4</sup> / <sup>1</sup> ISMAR-CNR, <sup>a</sup> Genova (Italy) <sup>b</sup> Milano (Italy), <sup>2</sup> DCCI-University of Genova (Italy), <sup>3</sup> Lyondellbasell Industries S.r.l (Italy), <sup>4</sup> Pirelli Tyre (Italy) <a href="#">Microstructure-Thermal Properties Relationship in Novel Sequential Ethylene/4-Methyl-1-pentene Copolymers from "Single Site" Catalysts</a>	
11:30 - 12:00	<b>Ralf Kleppinger</b> <sup>1</sup> , Klaas Remerie <sup>2</sup> , Rieky Steenbakkens <sup>2</sup> , Kathleen VandeWiele <sup>2</sup> / <sup>1</sup> DSM Resolve (The Netherlands), <sup>2</sup> SABIC Europe BV (The Netherlands) <a href="#">X-Ray <math>\mu</math>-Diffraction Studies on Orientation Effects in Injection-Moulded Polypropylene Containing Talc As Nucleating</a>	
12:00 - 12:30	<b>M. Teresa Expósito</b> <sup>1</sup> , R.A. García <sup>1</sup> , S. Rodríguez-Jimenez <sup>2</sup> , A. Salazar <sup>3</sup> , A. B. Martínez <sup>4</sup> / <sup>1</sup> Dep. Tecnología Química y Ambiental, ESCET, Universidad Rey Juan Carlos (Spain), <sup>2</sup> Repsol-YPF (Spain), <sup>3</sup> Dep. de Ciencia e Ingeniería de Materiales, ESCET, Universidad Rey Juan Carlos (Spain), <sup>4</sup> Centro Catalán del Plástico (Spain) <a href="#">Characterization of Propylene Impact Copolymers by TREF, Spectroscopic Thermal and Dynamo-Mechanical Techniques</a>	
12:30	Adjournment and Goodbye	
13:00	Closure	