

# GPEC 2007 Schedule , March 4 - 7, 2007

## Sunday March 4th

1:00 PM 5:00 PM	<b>3/4/07</b>	<b>Registration Opens:</b> Mezzanine West <b>PED Board Meeting:</b> 3:00-5:00 pm Boardroom 2
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## Monday March 5th

Monday All day	<b>3/5/07</b>	<b>Offsite events:</b> Advanced registration required <b>Golf Outing:</b> Eagle Creek Golf Club <b>NASA:</b> Kennedy Space Center Tour and “Dine with an Astronaut”
8:30 AM 5:00 PM		<b>Registration:</b> Mezzanine West <b>Exhibitor setup:</b> Salon 1 & 2

## Tuesday Morning, March 6th

7:30 AM 8:30 AM	<b>3/6/07</b>	<b>Plenary Breakfast:</b> Legacy South <i>Conference Greeting/Opening</i> – GPEC 2007 Chairman, <b>Mike Montpetit</b>		
8:00 AM		<i>Speakers Preparation</i>		
Room	Legacy North B	Salon 3	Legacy North A	
Track/ Section Moderator	<b>#1 Recycling: Automotive</b> Bob Egbers, ACI Inc.	<b>#2 Reclamation &amp; Supply</b> Anthony S. Georges, AMUT & George Goebel	<b>#3 Bio-based &amp; Biodegradable Materials</b> Ron Walling, AMC	
8:30 AM	<b>RA1. Moving Toward Sustainable Plastics 2006/7 Report Card of Leading Automakers,</b> Jeff Gearhart, Charles Griffith, Claudette Juska –Ecology Center	<b>RS1. Reclamation and Recycling of Thermoset Composites</b> Wolfgang Unger, Seawolf Industries	<b>B1. Bioplastics: Technology Principles and Exemplars,</b> Ramani Narayan, Dept of Chemical Eng. & Materials Science, Michigan State University	
9:00 AM	<b>RA2. A study on recycling plastic materials in heavy trucks</b> Srikant Ghantae & Noelle Paperella, Volvo 3P	<b>RS2. Plastic Film Recycling—Sustainability through Closed Loop Recycling</b> Daniel Schrager, NextLife		
9:30 AM	<b>RA3. Alternatives to Chrome Plating and Related Chemical Use in Creating Automobile, Light Truck, and Heavy Truck Decorative Components</b> Gordon C. Miller, M.,M.,&A., LLC	<b>RS3. Plastics Waste and Recycling, A Lost Paradise,</b> Anton John Hartomo, CReTi / PTDI & IPN - Indonesia	<b>B3. PHA Natural Plastics: A Disruptive Technology for a Sustainable Future</b> Kristin Taylor & Marcia Miller, Metabolix	
10:00 AM 10:30 AM	<b>30 Minute Break Exhibit Floor:</b> Salon 1& 2			
10:30 AM	<b>RA4. 100% environmentally friendly surface treatment process</b> Simon Brynolf, FTS Technologies	<b>RS4. Initiatives by plants around the world focused on landfill reduction and internal reuse</b> Vince Herran, Sealed Air Corporation		
11:00 AM	<b>RA5. Mixing PC/ABS Re grind: A Preliminary Study</b> Ewa Lebert & Susan Kozora, Visteon Corp	<b>RS5. Toughened Composites from Ground Tires</b> M.L. Leyva, IPR/UERJ	<b>B5. Ecobionanocomposites: A new class of green materials,</b> John R. Dorgan, Birgit Braun, Chemical Eng Dept, Colorado School of Mines, & Andrew Young, Laura O Hollingsworth, PolyNEW Inc	

11:30 AM	<b>RA6. Converting Post Consumer Recycle PET Waste into PBT Based Engineering Thermoplastics for Automotive and Electrical Applications</b> Dhaval Shah, GE Plastics	<b>RS6. Reuse of TP Face Fibers</b> Bob Peoples, Carpet & Rug Institute	<b>B6. Designing for Environment with Compostable Materials</b> Steve Mojo, Biodegradable Products Institute
12:00 PM 1:00 PM	<b>Lunch:</b> Legacy South		
12:00 PM	<b>PLENARY LUNCHEON SPEAKER:</b> <b>Howard Rappaport, Chemical Market Associates (CMAI)</b>		

## GPEC 2007 Schedule, Tuesday Afternoon and Evening, March 6th

1:30 PM 5:00 PM	<b>PM Technical Sessions</b>		
Room:	Legacy North B	Salon 3	Legacy North A
Track/ Section: Moderator	<b>#1 Recycling: General</b> Bob Egbers, ACI Inc.	<b>#2 Reclamation &amp; Supply</b> Anthony S. Georges, AMUT & George Goebel	<b>#3 Bio-based &amp; Biodegradable Materials</b> Ron Walling, AMC
1:30 PM	<b>RG1. Anhydride Functional Ethylene Copolymers as Compatibilizers for Polyethylene- Rich Mixed Recycle Streams</b> Gregg B. Babcock and David M. Dean, DuPont	<b>RS7. Adding Value to Recycled PET Flakes</b> Girish Bhatt, Bepex International LLC	<b>B7. Vehicle Sound Package Designed with eco - Bio based friendly products</b> Hameed Khan, Rieter USA & Aurélie Boyer and Jean Casulli, Rieter France
2:00 PM	<b>RG2. Chemical recycling of PET wastes in powder form,</b> Behzad Shirkavand Hadavand, Iran Polymer and Petrochemical Institute & Hossein Hosseini, Abadan Azad University	<b>RS8. Achieving Sustainability with Reusable Transport Packaging</b> Fred Hepinstall, RPCC Vice-President	<b>B8. Material Design of High-Performance Molecular Composites Composed of Cellulose-Derivatives,</b> Masayuki Yamaguchi and Kenji Masuzawa, School of Materials Science, Japan Advanced Institute of Science and Technology
2:30 PM	<b>RG4. Microcellular Recycled PET Foams for Food Packaging,</b> Dr.Vipin Kumar & Krishna V. Nadella, Department of Mechanical Engineering, Univ. of Washington and Greg L. Branch, MicroGREEN Polymers, Inc.		<b>B9. High Performance Engineering Polymers Made with Renewable Resources</b> Dr. Joseph V. Kurian, DuPont Company
3:00 PM	<b>30 Minute Break Exhibit Floor: Salon 1 &amp; 2</b>		
3:30 PM	<b>RG3. PVC Recovery and Recycling in Europe –Part 1,</b> Sascha Schuh, ASCON GmbH	<b>RS10. Processing of the composite LDPE/Al from carton packages and it's modification with wood fibers,</b> Mario Henrique De Cerqueira, Tetra Pak Ltda.	<b>B10. Assessment of Biodegradable Mulch Films in Tomato Plots,</b> Thitisilp Kijchavengkul, Rafael Auras, Maria Rubino, School of Packaging, Michigan State U., & Mathieu Ngouajio, Rodney T Fernandez, Dept of Horticulture, M.S.U.
4:00 PM	<b>RG3. PVC Recovery and Recycling in Europe –Part 2,</b> Sascha Schuh, ASCON GmbH	<b>RS11. Thermoplastic Separation and Recovery from Various Mixed Scrap Plastics by the Argonne Developed Froth Flotation Technology,</b> J.A. Pomykala, Jr., B.J. Jody, and E.J. Daniels, Argonne National Laboratory	<b>B11. Development of New Biodegradable Materials Via Blends For Marine And Naval Application</b> Christopher C. Ibeh, Center for Nanocomposites & Multifunctional Materials [CNCMM], Pittsburg State Univ.
4:30 PM	<b>RG8. How to Structure, Finance, And Fund Your Clean Technology Venture: Start-Ups, Corporate Governance, Venture Capital, Strategic Alliances, &amp; Private Equity in a 'Green' Marketplace</b> Eric Koester, Esq., Heller Ehrman LLP	<b>RS13. Size Reduction for Effective Reclamation</b> John Farney, Cumberland Engineering & Keith Larson, Colortronic North America	<b>B12. Preparation and Characterization of a Completely Biodegradable Soy Protein Based Composite</b> Xiaosong Huang, Fiber Science Program, Cornell University
5:00 PM	<b>Tuesday Paper Sessions Ends</b>		
4:00 PM 6:00 PM	<b>Student Poster Display: Forum West 3</b>		
6:00 PM 7:00 PM	<b>Connections Reception Salon 1 &amp; 2</b>		

## GPEC 2007 Schedule, Wednesday Morning, March 7th

7:30 AM 8:30 AM	<b>3/7/07</b> <b>Breakfast:</b> Legacy South <i>PED Annual Business Meeting – Division Chairman, Tim Kettering</i>		
8:00 AM	<i>Speakers Preparation</i>		
Room	Legacy North B	Salon 3	Legacy North A
Track/ Section: Moderator	<b>#1 Recycling: General &amp; Electronics</b> Susan Kozora, Visteon Corp.	<b>#2 Reclamation &amp; Supply</b> Anthony S. Georges, AMUT & George Goebel	<b>#3 Bio-based &amp; Biodegradable Materials</b> Ron Walling, AMC
8:30 AM	<b>RG5. Compatibilizers for Recycle Products</b> Bill Sigworth, Chemtura Corporation	<b>RS12. Film Scrap Recycling/Reclaim Options,</b> Dana Darley, Extrusion Auxiliary Services, Inc	
9:00 AM	<b>RG7. Resource Productivity and Sustainable Growth: Applying nature's principles to extend a material's DNA to its next life</b> Dr. Seetha Coleman-Kammula, Simply Sustain LLC	<b>RS21. Closed Loop Recycling of HDPE Milk Bottles From Post Consumer Waste Back to Food Contact Grade</b> Edward Kosior and Rob Dvorak, NEXTEK Ltd	<b>B14. Bamboo Fiber Reinforced Eco-Composites by Wetlay Processing</b> Wei Zhang, Hailing Yang, Ronald Moffitt Advanced & Applied Polymer Processing Institute, Institute for Adv. Learning and Research
9:30 AM	<b>RG6. Characterization of Post-Consumer Plastic mixtures Compatibilized by Block Copolymers,</b> Sarah Bobek, Aniket Selarka, Ned V. Gvozdic and Charles L. Beatty, University of Florida	<b>RS15. Processing of non-dried PET-Bottle-Scrap using Co-rotating Twin Screw Extruders</b> Paul Anderson, Coperion & Sabine Schönfeld, Coperion Werner & Pfleiderer, Germany	<b>B15. The Impact Of Processing Aids on PLA Extrusion Performance</b> Edward L. Steward, American Kuhne Corporation
10:00 AM	<b>30 Minute Break Exhibit Floor:</b> Salon 1 & 2		
10:30 AM	<b>RE1. MSS e-Sort™ Automated Optical Sorting of Electronic Scrap</b> Felix A. Hottenstein, MSS, Inc. Nashville, TN	<b>RS16. Polymer Filtration Options for Plastics Recycling</b> Dan Smith, PSI	<b>B16. Titanate and Zirconate Coupling Agents – A Key to Environmental Innovation</b> Salvatore J. Monte, Kenrich Petrochemicals, Inc.
11:00 AM	<b>RE2. Utilizing Due Diligence to Minimize RoHS Risks,</b> George J. Fechtmann, PE, Underwriters Laboratories (UL),	<b>RS17. Post Consumer Resins and the Road Ahead</b> Michael Schedler, NAPCOR	<b>B17. Natural Fiber Options for Economic, Durable and Structural Plastics Composites</b> Edward Schut, Creafill
12:00 PM	<b>Lunch:</b> Legacy South		

## GPEC 2007 Schedule, Wednesday Afternoon and Evening, March 7th

1:00 pm 4:30 pm	PM Technical Sessions		
Room:	Legacy North B	Salon 3	Legacy North A
Track/ Section: Moderator	<b>#1 Recycling: Electronics &amp; Regulatory</b> Tim Kettering, A. Schulman Inc.	<b>#2 Reclamation &amp; Supply</b> Anthony S. Georges, AMUT & George Goebel	<b>#3 Bio-based &amp; Biodegradable Materials</b> Ron Walling, AMC
1:00 PM	<b>RE3. RoHS and WEEE and how it has affected our designs for process controls for the plastics Industry,</b> Thomas Linehan, D-M-E Company	<b>RS14. Material Handling Considerations for Reclaim Extrusion</b> Keith Larson, Colortronic North America	
1:30 PM	<b>RE4. Recycling ABS from End-of-Life Electronics into Wood-Plastic Composites</b> Shu-Kai Yeh, Sushant Agarwal and Rakesh K. Gupta, Department of Chemical Engineering, West Virginia University	<b>RS18. FDA Approved Pet Polymers Containing PCR Recycled Content</b> Jeffery Best, Invista	

2:00 PM	<b>RE5. Material Recycling of a Mixture of Residual Plastics from Waste Household Appliances</b> Yuichi Matsuo, Mitsubishi Electric Co. Ltd.	<b>RS19. The Most Environmentally Friendly Barrier Enhancement for PET Bottles</b> , Peter K. Andrich, SIG Beverages North America Inc.	
2:30 PM	<b>RR1. Flame Retardants: Fire Safety, Regulatory Status &amp; Current Issues</b> Raymond B. Dawson & Susan D. Landry, Albemarle Corporation	<b>RS20. Celstran Recycling Concept - Incorporation of LFT Production Scrap Into Celstran Pultrudate</b> , Gabi Thomas, Heinz Bernd, Ticona	
3:00 PM	<b>30 Minute Break Exhibit Floor: Salon 1&amp; 2</b>		
3:30 PM	<b>RR2. Greenguard Certification - Goods with Low Chemical and Particle Emissions for Indoor Use</b> , Bob Young, Eastman Chemical		
4:00 PM	<b>RR3. New Developments in plastics identification technology open new ways in plastics recycling</b> , Peter Mayer, S+S Separation and Sorting Technology GmbH		
4:30 PM	<b>Wednesday Paper Sessions Ends</b>		
6:00 PM 7:00 PM	<b>Reception: Legacy South</b>		
7:00 PM 9:00 PM	<b>Awards Dinner: Legacy South</b>		
7:00 PM 9:00 PM	<b>GPEC Environmental Awards Dinner: Legacy South</b>		
	Dan Eberhardt Memorial Environmental Award: <b>Carpet America Recover Effort (CARE)</b> New Technology in Processes: <b>GE Plastics</b> New Technology in Materials: <b>Cereplast</b> New Technologies in Renewables: <b>InterfaceFABRIC</b> Plastics Recycling: <b>Advanced Environmental Recycling Technologies (AERT)</b>	Design for Sustainability: Battelle / Ohio Soybean Council <b>Advanced Image Resources</b> Emerging Technologies: <b>Cargill</b> Enabling Technologies: <b>Argonne National Laboratory</b> Plastics Recycling: <b>Los Angeles Fiber Company</b>	
9:00 PM	<b>Conference Ends</b>		