

GPEC 2007 Schedule, March 4 - 7, 2007

Sunday March 4th

1:00 PM - 5:00 PM	3/4/07	REGISTRATION OPENS: Mezzanine West PED BOARD MEETING: 3:00-5:00 pm Boardroom 2
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Monday March 5th

Monday All day	3/5/07	OFFSITE EVENTS: Advanced registration required Golf Outing: Eagle Creek Golf Club NASA: Kennedy Space Center Tour and “Dine with an Astronaut”
8:30 AM 5:00 PM		REGISTRATION: Mezzanine West EXHIBITOR SETUP: Salon 1 & 2

Tuesday Morning, March 6th

7:30 AM 8:30 AM	3/6/07	PLENARY BREAKFAST: Legacy South <i>Conference Greeting/Opening</i> – GPEC 2007 Chairman, Mike Montpetit		
8:00 AM		<i>Speakers Preparation</i>		
Room	Legacy North B	Salon 3	Legacy North A	
Track/ Section Moderator	#1 Recycling: Automotive Bob Egbers, ACI Inc.	#2 Reclamation & Supply Anthony S. Georges, AMUT & George Goebel	#3 Bio-based & Biodegradable Materials Ron Walling, AMC	
8:30 AM	RA1. Moving Toward Sustainable Plastics 2006/7 Report Card of Leading Automakers, Jeff Gearhart, Charles Griffith, Claudette Juska – Ecology Center	RS1. Reclamation and Recycling of Thermoset Composites Wolfgang Unger, Seawolf Industries	B1. Bioplastics: Technology Principles and Exemplars, Ramani Narayan, Dept of Chemical Eng. & Materials Science, Michigan State University	
9:00 AM	RA2. A study on recycling plastic materials in heavy trucks Srikant Ghantae & Noelle Paperella, Volvo 3P	RS2. Plastic Film Recycling—Sustainability through Closed Loop Recycling Daniel Schragar, NextLife		
9:30 AM	RA3. Alternatives to Chrome Plating and Related Chemical Use in Creating Automobile, Light Truck, and Heavy Truck Decorative Components Gordon C. Miller, M.,M.,&A., LLC	RS3. Plastics Waste and Recycling, A Lost Paradise Anton John Hartomo, CReTi / PTDI & IPN - Indonesia	B3. PHA Natural Plastics: A Disruptive Technology for a Sustainable Future Kristin Taylor & Marcia Miller, Metabolix	
10:00 AM 10:30 AM	30 MINUTE BREAK EXHIBIT FLOOR: Salon 1& 2			
10:30 AM	RA4. 100% environmentally friendly surface treatment process Simon Brynolf, FTS Technologies	RS4. Initiatives by plants around the world focused on landfill reduction and internal reuse Vince Herran, Sealed Air Corporation	B4. Packaging Sustainability: Life Cycle Assessment of PLA, PET & PS Santosh Madival, Michigan State University	
11:00 AM	RA5. Mixing PC/ABS Regrind: A Preliminary Study Ewa Lebert & Susan Kozora, Visteon Corporation	RS5. Toughened Composites from Ground Tires M.L Leyva, IPR/UERJ	B5. Ecobionanocomposites: A new class of green materials, John R. Dorgan, Birgit Braun, Chemical Eng Dept, Colorado School of Mines, & Andrew Young, Laura O Hollingsworth, PolyNEW Inc.	

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

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

1:30 pm 5:00 pm	PM Technical Sessions		
Room:	Legacy North B	Salon 3	Legacy North A
Track/ Section: Moderator	#1 Recycling: General Bob Egbers, ACI Inc.	#2 Reclamation & Supply Anthony S. Georges, AMUT & George Goebel	#3 Bio-based & Biodegradable Materials Ron Walling, AMC
1:30 PM	RG1. Anhydride Functional Ethylene Copolymers as Compatibilizers for Polyethylene Rich Mixed Recycle Streams. Gregg B. Babcock and David M. Dean, DuPont	RS7. Adding Value to Recycled PET Flakes Girish Bhatt, Bepex International LLC	B7. Vehicle Sound Package Designed with eco - Bio based friendly products Hameed Khan, Rieter USA & Aurélie Boyer and Jean Casulli, Rieter France
2:00 PM	RG2. Chemical recycling of PET wastes in powder form Behzad Shirkavand Hadavand, Iran Polymer and Petrochemical Institute & Hossein Hosseini, Abadan Azad University	RS8. Achieving Sustainability with Reusable Transport Packaging Samantha Goetz, RPCC Communications Team	B8. Material Design of High-Performance Molecular Composites Composed of Cellulose-Derivatives, Masayuki Yamaguchi and Kenji Masuzawa, School of Materials Science, Japan Advanced Institute of Science and Technology
2:30 PM	RG4. Microcellular Recycled PET Foams for Food Packaging, Dr. Vipin Kumar & Krishna V. Nadella, Dept of Mechanical Eng, Univ. of Washington and Greg L. Branch, MicroGREEN Polymers, Inc.	RS9. Recycling plastics: NextGen Techniques Rajiv Sanghavi, Next Gen Techniques	B9. High Performance Engineering Polymers Made with Renewable Resources Dr. Joseph V. Kurian, DuPont Company
3:00 PM	30 MINUTE BREAK EXHIBIT FLOOR: Salon 1 & 2		
3:30 PM	RG3. PVC Recovery and Recycling in Europe – Part 1 Sascha Schuh, ASCON GmbH	RS10. Processing of the composite LDPE/Al from carton packages and it's modification with wood fibers Mario Henrique De Cerqueira, Tetra Pak Ltda.	B10. Assessment of Biodegradable Mulch Films in Tomato Plots, Thitisilp Kijchavengkul, Rafael Auras, Maria Rubino, School of Packaging, Michigan State U., & Mathieu Ngouajio, Rodney T Fernandez, Dept of Horticulture, Michigan State University
4:00 PM	RG3. PVC Recovery and Recycling in Europe – Part 2 Sascha Schuh, ASCON GmbH	RS11. Thermoplastic Separation and Recovery from Various Mixed Scrap Plastics by the Argonne Developed Froth Flotation Technology, J.A. Pomykala, Jr., B.J. Jody, and E.J. Daniels, Argonne National Laboratory	B11. Development of New Biodegradable Materials Via Blends For Marine And Naval Application, Christopher C. Ibeh, Center for Nanocomposites & Multifunctional Materials [CNCMM], Pittsburg State Univ
4:30 PM	RG8. How to Structure, Finance, And Fund Your Clean Technology Venture: Start-Ups, Corporate Governance, Venture Capital, Strategic Alliances, & Private Equity in a 'Green' Marketplace Eric Koester, Esq., Heller Ehrman LLP	RS13. Size Reduction for Effective Reclamation John Farney, Cumberland Engineering & Keith Larson, Colortronic North America	B12. Preparation and Characterization of a Completely Biodegradable Soy Protein Based Composite Xiaosong Huang, Fiber Science Program, Cornell University
5:00 PM	Tuesday Paper Sessions Ends		

6:00 PM 7:00 PM	CONNECTIONS RECEPTION / STUDENT POSTER DISPLAY, Salon 1 & 2
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GPEC 2007 Schedule, Wednesday Morning, March 7th

7:30 AM 8:30 AM	3/7/07 BREAKFAST: 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	#1 Recycling: General & Electronics Susan Kozora, Visteon Corporation	#2 Reclamation & Supply Anthony S. Georges, AMUT & George Goebel	#3 Bio-based & Biodegradable Materials Ron Walling, AMC
8:30 AM	RG5. Compatibilizers for Recycle Products Bill Sigworth, Chemtura Corporation	RS12. Film Scrap Recycling/Reclaim Options Dana Darley, Extrusion Auxiliary Services, Inc.	B13. Effects of Injection Molding Conditions on the Mechanical Properties of Baggasse / Polypropylene Composites , Shinichi SHIBATA and Isao FUKUMOTO, Dept of Mechanical Systems Engineering, University of the Ryukyus
9:00 AM	RG7. Resource Productivity and Sustainable Growth: Applying nature's principles to extend a material's DNA to its next life Dr. Seetha Coleman-Kammula, NextLife LLC	RS21. Closed Loop Recycling of HDPE Milk Bottles From Post Consumer Waste Back to Food Contact Grade Edward Kosior and Rob Dvorak, NEXTEK Ltd.	B14. Bamboo Fiber Reinforced Eco-Composites by Wetlay Processing Wei Zhang, Hailing Yang, Ronald Moffitt Advanced & Applied Polymer Processing Inst, Institute for Adv. Learning & Research
9:30 AM	RG6. Characterization of Post-Consumer Plastic mixtures Compatibilized by Block Copolymers Sarah Bobek, Aniket Selarka, Ned V. Gvozdic and Charles L. Beatty, University of Florida	RS15. Processing of non-dried PET-Bottle-Scrap using Co-rotating Twin Screw Extruders , Paul Anderson, Coperion & Sabine Schönfeld, Coperion Werner & Pfleiderer, Germany	B15. The Impact Of Processing Aids on PLA Extrusion Performance Edward L. Steward, American Kuhne Corporation
10:00 AM	30 MINUTE BREAK EXHIBIT FLOOR: Salon 1& 2		
10:30 AM	RE1. MSS e-Sort™ Automated Optical Sorting of Electronic Scrap Felix A. Hottenstein, MSS, Inc. Nashville, TN	RS16. Polymer Filtration Options for Plastics Recycling Dan Smith, PSI	B16. Titanate and Zirconate Coupling Agents – A Key to Environmental Innovation Salvatore J. Monte, Kenrich Petrochemicals, Inc.
11:00 AM	RE2. Utilizing Due Diligence to Minimize RoHS Risks George J. Fechtmann, PE, Underwriters Laboratories (UL)	RS17. Post Consumer Resins and the Road Ahead , Michael Schedler, NAPCOR	B17. Natural Fiber Options for Economic, Durable and Structural Plastics Composites , Edward Schut, Creafill
12:00 PM	Lunch: 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	#1 Recycling: Electronics Tim Kettering, A. Schulman Inc.	#2 Reclamation & Supply Anthony S. Georges, AMUT & George Goebel	#3 Bio-based & Biodegradable Materials Ron Walling, AMC
1:00 PM	RE3. RoHS and WEEE and how it has affected our designs for process controls for the plastics Industry Thomas Linehan, D-M-E Company	RS 14. Material Handling Considerations for Reclaim Extrusion Keith Larson, Colortronic North America	
1:30 PM	RE4. Recycling ABS from End-of-Life Electronics into Wood-Plastic Composites Shu-Kai Yeh, Sushant Agarwal and Rakesh K. Gupta, Dept. of Chemical Engineering, West Virginia Univ.	RS18. FDA Approved Pet Polymers Containing PCR Recycled Content Jeffery Best, Invista	
2:00 PM	RE5. Material Recycling of a Mixture of Residual Plastics from Waste Household Appliances Yuichi Matsuo, Mitsubishi Electric Co. Ltd.	RS19. The Most Environmentally Friendly Barrier Enhancement for PET Bottles Peter K. Andrich, SIG Beverages North America Inc.	
2:30 PM	RR1. Flame Retardants: Fire Safety, Regulatory Status & Current Issues Raymond B. Dawson & Susan D. Landry, Albemarle Corporation	RS20. Celstran Recycling Concept - Incorporation of LFT Production Scrap Into Celstran Pultrudate Gabi Thomas, Heinz Bernd, Ticona	
3:00 PM	30 MINUTE BREAK EXHIBIT FLOOR: Salon 1 & 2		
3:30 PM	RR2. Greenguard Certification-Goods with Low Chemical & Particle Emmisions for Indoor Use Bob Young & Nancy Scott, Eastman		
4:00 PM	RR3. New Developments in plastics identification technology open new ways in plastics recycling Peter Mayer, S+S Separation and Sorting Technology GmbH		
4:30 PM	Wednesday Paper Sessions Ends		
6:00 PM 7:00 PM	RECEPTION: Legacy South		
7:00 PM 9:00 PM	ENVIRONMENTAL AWARDS DINNER: Legacy South		
	Dan Eberhardt Memorial Environmental Award: Carpet America Recover Effort (CARE) New Technology in Processes: GE Plastics New Technology in Materials: Cereplast New Technologies in Renewables: InterfaceFABRIC Plastics Recycling: Advanced Environmental Recycling Technologies (AERT)	Design for Sustainability: Battelle Design for Sustainability: Advanced Image Resources Emerging Technologies: Cargill Enabling Technologies: Argonne National Laboratory Plastics Recycling: Los Angeles Fiber Company	
9:00 PM	CONFERENCE ENDS		