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9th Thermoplastic Elastomers Topical Conference™ 2010



TOPCON 2010 September 13 - 15, 2010

Advance Program and Registration



Rebound with TPEs!

Presented by the
**Society of Plastics Engineers
Thermoplastic Elastomers SIG
and The Akron Section
at the Hilton Akron - Fairlawn
3180 West Market Street**

Co-Chairs:

Tim Buckley (SIG Co-Chair)
330-631-7478 tim.buckley@ticona.com
Viv Malpass (Akron Section Co-Chair)
330-342-1120 vivian.malpass@tek-mark.com

Registration and Fee Information

SPE's on-line service (4SPE.org /conferences/spe-te-topcon) is easiest for you and for us to use. If that is not feasible, please submit this form, making sure that you and all exhibitor and sponsor representatives are identified in the next column.

Personal Registration: Submit this form or copy for EACH person registering. Mailed advance registration must include full payment and be postmarked by August 23, 2010. Circle your status and the cost

Status	Advance	On-Site
Member	\$375.00	\$425.00
Nonmember	425.00	475.00
Joining Member*	490.00	530.00
Student or Emeritus	65.00	70.00
Joining Student*	90.00	95.00
Press	No Charge	

* Includes first year SPE Dues worth \$144.00, (\$31.00 for students.)

- Please charge my credit card below
- My check is included for \$_____
- I need a preprint **book** (add \$38.00)

Display Table or Sponsorship Reservations:

These MUST include full payment and be postmarked or received on-line by August 14. Identify EACH representative in the format shown here, using copies of this form or equivalent. Sponsors are appreciated and will be well recognized. For information about advertising and promotion which we can provide, Contact Kevin Malpass at Diebold, Inc. (330-490-4743; kevin.malpass@diebold.com).

2 Premier Sponsors (with 4 registrants each)	\$2,500
2 Lunch Sponsors (3 registrants each)	\$2,000
Monday Mixer (2 registrants)	\$1,000
Tuesday Reception (3 registrants)	\$2,000
4 Coffee Breaks (2 registrants each)	\$750
Exhibitor's Display Table	
With 3 registrants	\$1,000
With 2 registrants	\$800
With 1 registrant	\$500

Full-fee registrations include admission to all sessions, display exhibit areas, two lunches with keynote speakers, and proceedings in CD format. Registrations are offered to full-time students and emeritus members at deep discounts. Journalists with proper press credentials are invited to visit all areas and functions.

To encourage nonmembers to join, SPE and the Akron Section offer a combination of TopCon registration with SPE dues for one full year plus membership application handling fees. Those fees and dues for the first year are worth \$144.00.

Make checks payable to 'TPE TOPCON 2010'

Mail checks and forms to:
Society of Plastics Engineers
Customer Relations Department
13 Church Hill Road
Newtown, CT, 06470 USA

VISA, MC, AmEx Credit Cards Accepted

Card # (Circle the Brand)

Signature

Credit Card users may register at 4spe.org or fax to 203-775-8490. For more information, contact Lesley Kyle at SPE; 203-740 -5452 lskyle@4spe.org

REGISTRATION IDENTIFICATION

Name, as it is to appear on badge.

Company

Work Address

City

State

Work Phone

Work Fax

e-mail



Akron Section
Society of Plastics Engineers
9345 Summit St NW
Clinton OH 44216



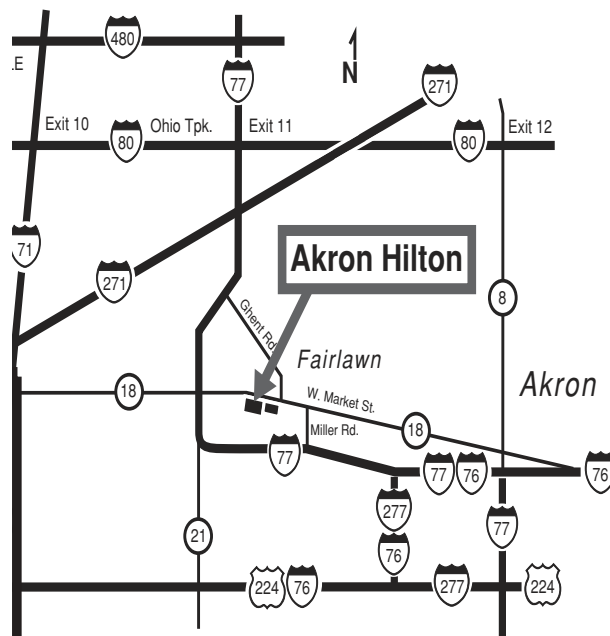
Hotel Reservation

Hotel reservations can be made on-line via our SPE Registration site, or by contacting the Akron Hilton (phone 800-525-2419, 330-867-5000 / fax 330-867-1648). Special rates are available until August 23. Refer to the SPE TOPCON if contacting the hotel.

The Hilton is between the Cleveland Hopkins Airport and the Akron-Canton Airport, about a half hour drive from each. From Hopkins, exit I71 to OH18; from Cleveland, exit I77 to Ghent Rd.; from Akron or Akron-Canton Airport, exit onto Miller Rd. A map is shown below.

Cancellations

SPE can accept cancellations of attendance and exhibitor registrations and make a full refund only until August 23; no refunds can be made after that date. The hotel also will make full refund for room cancellations received by August 23; after that date you will forfeit one day's room fee.



Conference Schedule

Monday, September 13

On-site registration	3 pm to 6:00 pm
Set up Displays	Noon
Displays Open	5:00 pm to 7:30 pm
Poster Session	5:00 pm to 7:30 pm
Welcome Mixer	5:00 pm to 8:00 pm

Tuesday, September 14

Speakers Meeting	7:30 am to 7:45 am
On-site Registration	7:45 am to 2:00 pm
Displays open	8:00 am to 7:30 pm
Tech Sessions -am	8:00 am to 11:45 am
Lunch	Noon to 1:00 pm
Tech Sessions -pm	1:15 to 5:00 pm
Reception (wine/cheese)	5:30 to 7:30 pm
SIG Board Meeting	6:30 pm

Wednesday, September 15

Speakers Meeting	7:30 am to 7:45 am
On-site Registration	7:45 am to Noon
Displays Open	8:00 am to 3:00 pm
Tech Sessions - am	8:00 am to 11:45 am
Lunch	Noon to 1:00 pm
Tech Sessions - pm	1:00 pm to 5:00 pm
Adjourn TopCon	5:00 pm

Keynote Addresses

Monday Welcome :	Tim Buckley, Viv Malpass, Bob Wegelin
Tuesday Lunch:	To be announced
Wednesday Lunch:	To be announced

See Websites for Updates

akronspe.org, 4spe.org
click (Conferences / Events - By Location - View Ohio)

ADVANCE TECHNICAL PROGRAM

Tuesday am Session 1: Market Overview

Global Markets & Technologies and End Use Trends in Thermoplastic Elastomers - The Role of Marketing and Technology Migrations
Dr. Balaji B. Singh *Chemical Market Resources, Inc.*
Winning Thermoplastic Elastomer Strategies in a Shifting Global Economy
Robert Eller *Robert Eller Associates LLC*

Session 2: Green Technologies

Novel TPE Development Provides New Application Opportunities
Biing-Lin Lee and Kevin Cai *Teknor Apex Co.*
Bio-Renewable Thermoplastic Elastomers
Guoqiang Qian, Krishna Venkataswamy and Charles Page *GLS Thermoplastic Elastomers, PolyOne Corp.*

Low Smoke Zero Halogen (LSZH) Flame Retardant TPE Development
Dr. Y. Martin Lu *Nantong Polymax Elastomer Technology, China*

Session 3: Medical Technologies

New Silane-Based Antimicrobial Additive
Gerry D. Getman *BIOSAFE, Inc.*
Unique Service Package Supports the Expansion of Specialty TPE Compounds into the Medical Market
Dr. John Chiao *Kraiburg TPE Corp.*
Antimicrobials in Thermoplastic Elastomer Formulations
Roger Avakian, Joe Kutka, Larry Johnson Michel Jasser *PolyOne Corp.*

Achieving PVC Properties with New Medical TPE Compounds
Lisa M. Charno *Teknor Apex Co.*

Tuesday pm Session 4: New Products & Applications

Improved Melt Elasticity Olefin Block Copolymers
Ashish Batra, Kate Hollabaugh, Laura Weaver and Manu Rego *The Dow Chemical Co.*

TPE Characterization and TPE Product Development via Simulation
B. Chouchaoui *Windsor Industrial Development Laboratory*

Sarlink® Thermoplastic Vulcanisate for Plastic Pipes - Innovative Plastic Fitting Solutions
Chris Latulipe, David McInerney, Chris Smith and Alberto Dozeman *DSM Thermoplastic Elastomers, Inc.*
Applying TPV Seals to Improve Sunroof Sealing Performance
Mark Steward, Benoit Singher, Shawn Jyawook and Jim Browell *Jyco Sealing Technologies, Inc.*

A Case Study on TPE Dynamic Seal Performance: Synthetic Wine Cork
Raj Varma *Neocork Technologies*

Development of Thermoplastic Vulcanizates with Improved Scratch and Mar Resistance and Lower Friction for Injection Molding Applications
Yundong Wang and Hua Cai *DSM Thermoplastic Elastomers*

The Growth of TPE's in Window Seals
Zev Gurion *Elastron*
Elastollan® TPU Alloys for Hose and Tube Applications
Sarah Westerdale *BASF Corp.*

Wednesday am Session 5: Overmolding
Multi-Component Injection Molding Enabling Soft Touch Interiors Technology Through Process and Material Development
M. R. Sadeghi, J. Keeler, S. Lattime, L. Pfaffle *A. Schulman*
The Benefits of Overmolding
David C. Raia *Star Thermoplastic Alloys and Rubbers*

Session 6: New Horizons

LA Polymer: Acrylic Block Copolymer
Brian K Chapman, Toyooki Kurihara, and Kei Hirata *Kuraray America Inc.*

Comfort and Protection: New Impact Protection Textiles for High Performance Sport Apparel and Equipment
Gifford Shearer *Multibase, A Dow Corning Company*

Thermoplastic Elastomers with Enhanced Barrier Performance
Liang Xu, Guoqiang Qian, Krishna Venkataswamy, and Charles Page *GLS Thermoplastic Elastomers, PolyOne Corporation*

Optimizing the TPV Compounding Process on Twin Screw Extruders by Using a Gear Pump and Single Screw Extruder for Metering Rubber Components
Martin Mack and Dietmar Becker *Krauss Maffei Berstorff*

Acoustics of Thermoplastics Elastomer Foam
R.K.M. Chu, W.T. Zhai, C.B. Park *University of Toronto*
High-Speed Surface Modification of Thermoplastic Elastomers Using Atmospheric-Pressure Plasma
Z. MacKay *Plasmatreat Research and Development Center, Canada*

Wednesday pm Session 7: Engineering TPEs
Development of Fluorinated Elastomer (FKM) Based TPE/TPV Materials and Their Applications
Edward H. Park *Freudenberg-NOK General Partnership*

PEBAX® Rnew : A Thermoplastic Elastomer Made From Renewable Resource for Low Temperature Applications
F. Malet, R-P Eustache, B. Lalgudi, and E. Gamache *Arkema*

Innovative Soft Thermoplastic Polyurethanes
Limei Lu and Frank Schäfer *BASF Corp.*

Highly Elastic Thermoplastic Polyurethanes
Louis J. Brandewiede *Lubrizol Advanced Materials*
Elastollan® New TPU with Improved Fuel Resistance
Mark E. Justice *BASF Corp.*

Elastollan® Solid Crosslinking Concentrates
John Yun *BASF Corp.*