



## SOCIETY OF PLASTICS ENGINEERS

The International Plastics Society

### Extrusion Division Member Services Summary

This summary includes the services that the Division provides to the SPE membership.

#### Technical Programming

- The Division coordinates an ANTEC program of typically 10 sessions or more.
- Joint sessions are developed with other SPE Divisions or SIG's at ANTEC. A joint session with TAPPI is also typically developed.
- Technical Focus Groups (TFG's) are established (and decommissioned) as industry interests and technology developments warrant. Current TFG's are:
  - Sheet/Coex.....E. Mount
  - TAPPI.....G. Oliver
  - Bioplastics Processing.....C. Martin
- A Mini-Tech on extrusion technology is given each year. Programs are formulated and coordinated with the co-sponsoring Sections.
- A Special Topic Conference (TOPCON) on coextrusion was held in October 2008.
- New programs with International SPE Sections or Divisions are being coordinated and pursued.
- Programs are coordinated with Student Chapters.
- A list of speakers is maintained for use by Sections.
- Technical content to other SPE Division conferences are provided. Recent examples include the Thermoforming and GPEC conferences

#### Publications and Communication

- The Extrusion Division Website (<http://www.spexdiv.com/>) is kept current with links to division news, awards, best papers, newsletters and the Extrusion Wiki.
- The Division newsletter is published electronically (and posted on the Extrusion Division website) three times per year, which includes articles of interest to the extrusion industry, including "Consultants Corner" and "Extrusion Hints."
- Extrusion consultants listing is provided on the Extrusion Division web site.
- Extrusion Solutions and Extrusion Hints is published separately as a book.
- Extrusion Solutions with conversions and calculations are available on a CD ROM.
- ANTEC papers on extrusion from the last several years have been compiled onto a CD and is available for purchase.
- Notices are periodically emailed to membership.

### **Awards and Recognition**

- The Distinguished Achievement Award is given annually to someone notable in the field of extrusion.
- The Bruce Maddock Award is given annually for outstanding contributions in the area of single screw extrusion technology or associated processing technologies by providing experimental achievements and understanding to the fundamentals of the process. It is sponsored by the Dow Chemical Company.
- The Heinz Herrmann Award is given annually for outstanding contributions in the area of twin-screw extrusion and is sponsored by Coperion.
- The Heinz List Award is given annually for outstanding contributions in the area of polymer devolatilization and reactive processing and is sponsored by List USA, Inc.
- The ANTEC Extrusion Division Best Paper award is given annually.
- Chairpersons are pursuing elevation of qualified members to the status of Fellow and Honored Service member.
- ANTEC paper presenters are awarded a recognition certificate.
- The Distinguished Service to the Extrusion Division Award is given as appropriate.

### **Scholarships**

- The Lew Erwin scholarship fund has been established to support undergraduate and graduate research in the field of extrusion. Scholarships are awarded annually.

### **Education**

- The Division launched the SPE Extrusion Division 1-0-Wiki – A Guide to Everything Extrusion. The Wiki format gives an interactive forum to collect and share information about extrusion.
- Division members offer seminars in extrusion and assist the SPE Seminar Committee.
- The Division provides program and speakers for Mini-Tech and Section meetings.
- The Division provided editors and authors for SPE Guide on Extrusion Technology and Troubleshooting.
- The Division provided editors and authors for SPE Plastics Technician Toolbox: Extrusion.
- The Division provided consulting for the new SPE DVD/Video training series on Single and Twin Screw Extrusion.
- The Division provides to SPE the Extrusion Solutions Handbook.
- The Division provides to SPE the Extrusion Solutions CD with conversions and calculations for inclusion in the SPE Plastics Technician's Toolbox: Extrusion.
- The Division provides support for travel of student members to ANTEC.
- The Division provides support for student chapter projects.
- The Division provides support for the Plasti-Van, an educational program for grades 3-12.

### **Social and Networking**

- The Division holds the Wine and Cheese Social after ANTEC Annual Awards Meeting.