

# SPE EXTRUSION "MINITEC 2007"

A one-day seminar relating to extrusion theory, operating principles and practices. Engineers, operators and/or management will benefit by attending this technical program!

**December 12, 2007**

UMass Lowell – Wannalancit Mill  
1st Floor Conference Room, 600 Suffolk Street  
Lowell, Massachusetts 01854

**SPE EXTRUSION "MINITEC 2007" AGENDA**  
**Registration – 8:00 AM • Opening Remarks- 8:30 AM**

- **An Overview of Plastics Engineering at UMass Lowell -**  
Bob Malloy, UMass Lowell
- **Auxiliary Equipment Developments for Extrusion -**  
Keith Larson, Colortronic North America
- **Guidelines for Compounding on Twin Screw Extruders -**  
Paul Andersen, Coperion
- **Top 10 Common Extrusion Process Problems and How to Solve Them -** Ed Steward, American Kuhne
- **Melt Rheology for Extrusion Technology -** Eldridge Mount, EMMOUNT Technologies
- **Causes and Reduction of Shark Skinning -** David Bigio, University of Maryland
- **How to Set-Up an Extrusion Experimental Design -**  
John Wagner, Crescent Associates

## LUNCH

- **Extruders and Screw Design for High Tolerance Medical Tubing -** John Christiano, Davis-Standard
- **Advances in Twin Screw Extrusion Applications and Design -** Augie Machado, Leistritz
- **Latest Developments in Multi-Layer Blown Film Processing -** David Nunes, Alpine American

**3:15 PM - Tour of UMass Lowell process laboratory & facilities**

**4:45 PM - RECEPTION**

**See** <http://alec-usa.com/umassminitec.htm> for program updates

**Advance registration \$125** (on or before November 30, 2007)

**Later registration \$150** (after November 30, 2007 and on-site)

**Lunch and reception is included**

Space is limited at this event. Registrations are accepted on a first come, first served basis. No refunds, no exceptions. Substitutions may be made at any time.

## Corporate sponsors:

These companies will staff tabletop displays to provide the opportunity to meet and discuss the wide-ranging extrusion technologies that they offer.

**Alpine American** – Blown film processing equipment

**American Kuhne** – Single screw extruders and systems

**Brabender** – Feeders and material handling equipment

**Colortronic** – Feeders and material handling equipment

**Cumberland Engineering** – Size reduction and related equipment

**Dynisco** – Pressure and temperature sensors and analytical instruments

**ECM Plastics** – Custom compounding and color masterbatch supplier

**Extrusion Dies Industries** – Dies and feedblocks

**Gneuss** – Polymer filtration systems

**Leistritz** – Twin screw extruders and systems

**Maguire Products** – Material management systems

**Plastics Technology Magazine** – Publication to the plastics industry

**Reduction Engineering** – Pelletizers and systems

**Scheer Bay** – Pelletizers and systems

**Trendelkamp** – Filtration devices and auxiliary equipment

## REGISTRATION FORM

**Mail with check** made payable to:

"SPE Extrusion Division" to Prof. Carol Barry, Department of Plastics Engineering, UMass Lowell, 1 University Avenue, Lowell, MA 01857

**Fax with credit card information to** 978-458-4141, Lois Heath (ph: 978-934-4056, Lois\_Heath@uml.edu)

Invoice me (An invoice and confirmation will follow in the mail). **Upon registration, a confirmation with logistical details will be sent.**

Credit Card:  AMEX  VISA  MC CC#: \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_ Security code on credit card \_\_\_\_\_

Name \_\_\_\_\_ Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

For additional registrants copy and fax this form

**Questions?** Contact Charlie Martin at Leistritz  
908-685-2333 x616 or [cmartin@alec-usa.com](mailto:cmartin@alec-usa.com)

**Thank you for supporting the  
SPE EXTRUSION "MINITEC 2007"**



**SOCIETY OF PLASTICS ENGINEERS**

c/o Leistriz  
169 Meister Ave.  
Somerville, NJ 08876

**SPE EXTRUSION “MINITEC 2007”**


**A one-day seminar relating to extrusion theory, operating principles and practices. Engineers, operators and/or management will benefit by attending this technical program!**

*Jointly sponsored by the SPE Extrusion Division, UMass Lowell and Eastern New England SPE Section*

**10 Extrusion presentations from the SPE Extrusion Division Board members and others**

**Tour the UMass Lowell Process Laboratories!**

**Join us for this extrusion technology exchange and networking opportunity for only \$125!**

**SPE EXTRUSION “MINITEC 2007”**  
A one-day seminar relating to extrusion theory, operating principles and practices. Engineers, operators and/or management will benefit by attending this technical program!  
A portion of the MINITEC proceeds will be donated to SPE scholarships  
  
*Jointly sponsored by the SPE Extrusion Division, UMass Lowell and the Eastern New England SPE Section*  
**December 12, 2007**  
UMass Lowell – Wannalancit Mill  
1st Floor Conference Room, 600 Suffolk Street  
Lowell, Massachusetts 01854

**Minitec 2007 Site and Hotel accommodations:**

Doubletree Riverfront Hotel  
50 WARREN STREET, LOWELL, MA 01852  
Phone: 978-452-1200 or 800-222-TREE

For a map and directions to the hotel go to <http://doubletree.com> and search for this location.

We have arranged for a block of hotel rooms at the Doubletree Riverfront Hotel at a corporate rate of \$84. Please mention UMass Lowell-SPE Minitec by November 11, 2007 to receive the corporate rate.

**For a map and directions to UMass Lowell – Wannalancit Mill go to <http://www.uml.edu/maps/east.htm>**