

MAY 11-13, 2010



PMI SHORT COURSE

Advanced Techniques for Pore Structure Characterization; Theory & Practice

The PMI Short Course focuses on:

- * *Basic Principles*
- * *Current Practices*
- * *Recent Advances*
- * *Critical Assessment*
- * *Applications*

Industries Served:

- * Automotive
- * Biotech
- * Ceramic
- * Chemical
- * Construction
- * Engineering
- * Food Processing
- * Filtration
- * Fuel Cell
- * Industrial
- * Material
- * Medical
- * Nonwovens
- * Packaging
- * Paper
- * Pharmaceutical
- * Research & Development
- * Textile

MAY 11-13, 2010

Schedule

This schedule is tentative and may change before the course. Please visit the Short Course section of the website for the most up-to-date schedule as this will be updated once the final schedule is set.

Monday, May 10th

- Registration
- PMI Engineers will be available for discussion at PMI facilities
- Sight Seeing & Tours

Tuesday, May 11th

- Lecture 1: Porous Materials & Their Pore Structure
- Lecture 2: Wetting Liquid Extrusion Techniques: Part 1 - Capillary Flow Porometry
- Lecture 3: Capillary Flow Porometry with Extended Capabilities
- Lecture 4: Wetting Liquid Extrusion Techniques: Part 2 - Liquid Extrusion Porosimetry
- Capillary Flow Porometry - Test Demonstration
- Capillary Flow Porometry - Parameters Demonstration
- Laboratory Visits & Introduction to Instruments

Wednesday, May 12th

- Lecture 5: Permeametry
- Lecture 6: Nonwetting Liquid Intrusion Techniques
- Lecture 7: Capillary Adsorption, Condensation & Flow Techniques
- Invited Talk #1
- Demonstration Tests - Other Instruments: Liquid Extrusion Porosimeter & Water Vapor Transmission Analyzer
- Hands-On Laboratory Tests

Thursday, May 13th

- Lecture 8: Analysis & Interpretation
- Lecture 9: Selection of Pore Structure Characterization Techniques
- Invited Talk #2
- Introduction of Novel Techniques
- Attendee Sample Testing
- Conclusion of Session

Friday, May 14th

- PMI Engineers will be available for discussion at PMI facilities
- Sight Seeing & Tours



MAY 11-13, 2010

Course Outline

Experts will discuss the wide spectrum of pore structures exhibited by porous materials and the basic scientific principles of the current and advanced pore structure characterization techniques. Advances in instrumentation, design and integration will also be considered. Invited speakers will discuss their experiences with porosity measurements. The course also includes demonstration lectures and hands-on experience with instruments in the PMI laboratory.

This course will take place at the Porous Materials, Inc. facilities in Ithaca, NY during the week of May 11-13, 2010. You can attend any or all of the days that will fit your schedule or interest.

Course Fee:	Before April 1	After April 1	Additional Participants
1 day	\$500	\$600	\$350
2 days	\$750	\$850	\$500
3 days	\$950	\$1050	\$600

*Fee includes: tuition, course material, laboratory demonstration, sight seeing, meals and ALL transportation.
* Hotel not included in course fee, but can be booked at course rates. These rates are only available to course attendees during the Short Course.*

Instructors & Other PMI Personnel

Dr. Krishna Gupta

Technical Director & President, PMI

Dr. Akshaya Jena

Director R&D, PMI

Dr. Ernest Mayer

*Principal Consultant
DuPont Engineering*

Terri Murray

Porosimetry Testing Specialist, PMI

Josh Powers

Porometry Testing Specialist, PMI

Andrew Foster

Permeametry Testing Specialist, PMI

John Fish

Head of Software Development, PMI

Al Teal & George Downing

Course Coordinators & Marketing, PMI



MAY 11-13, 2010

Please complete this form to register for the PMI Short Course on May 11th - 13th, 2010. When finished, you can fax it to 607-257-5639 or mail it to PMI Short Course, 20 Dutch Mill Rd, Ithaca, NY 14850 USA.

* - MUST be filled out

Attendee Information:

Title (Dr., Mr., Mrs.):

Name*:

Company Name*:

Address*:

Industry:

Phone*:

City, State*

Cell Phone:

Zip, Country*:

Fax:

Email*:

Website:

Payment Option:*

Check

Visa

Master Card

American Express

Discover

Purchase Order

CC Information: *Please feel free to call in your CC info if you would like. 1-800-825-5764*

Name on Card:

#:

Exp Date: / /

Security Code:

Enrollment:*

Enrolling in: Entire Course Specific Dates: 11th 12th 13th

Sight-seeing Options:

Ithaca Falls & Finger Lakes Wineries tour - This tour combines two of our most popular tours - the beautiful waterfalls that are abundant in the area, and our local wineries, which are one of the area's main attractions. We will offer this tour twice. Please choose from one below:

Monday, May 10th, 2009 from 1pm to 5pm

Friday, May 14th, 2009 from 8:30am to 12:30pm

Cornell University Campus tour - This tour offers an enjoyable stroll around the prestigious Cornell University and gives you a chance to see the campus and the wonderful scenic views that surround it. This tour will be given at 9am on Friday morning.