

**SOCIETY FOR THE ADVANCEMENT
OF MATERIAL AND PROCESS
ENGINEERING
NEW JERSEY CHAPTER**

NOVEMBER NEWSLETTER & MONTHLY NOTICE

NOVEMBER 6, 2008 (1ST THURSDAY)

**TOUR OF ALCAN BALTEK FACILITIES
NORTHVALE, NJ**

**DR. KURT FEICHTINGER
TECHNICAL SERVICE MANAGER
ALCAN BALTEK CORPORATION
108 FAIRWAY COURT
NORTHVALE, NJ 07647
Phone: 201-367-1145
Fax: 201-750-3309
Email: kurt.feichtinger@alcan.com**

MEETING DETAILS

Place: Alcan/Baltek , Northvale, NJ (please see page 4 for dinner information)

Time: 5:45 Meet at Alcan; 6:00 Tour; 7:00 Dinner

Cost: \$10.00 Advanced Registration; \$15.00 at Door; Students - Free

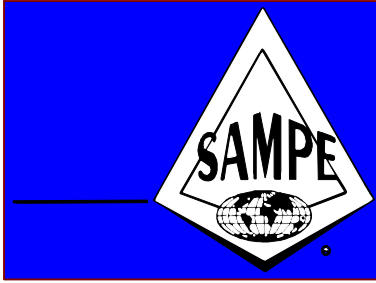
This meeting is open to all SAMPE members, spouses, guests, and other interested parties

Reservations please contact John Osterndorf at 973-248-5885 or by email at sampejohn@yahoo.com
by noon the Wednesday before the meeting.

Directions to ALCAN BALTEK ARE ON PAGE 4.

**SAMPE BEST CHAPTER AWARD WINNER
1990, 1991, 1992, 1993, 1995, 1996, 1997, 1998, 1999, 2000, 2001**

**SAMPE CHAPTER SERVICE EXCELLENCE AWARD WINNER
2002, 2003, 2004, 2005, 2006**



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OCTOBER MEETING

At the October meeting, Dr. Howard S. Kliger gave an excellent presentation entitled FRP Strengthening of the Concrete Pier at the Naval Station Earle at Sandy Hook, NJ. Dr Kliger described the techniques used to reinforce the concrete piers using an epoxy and graphite unidirectional fiber.

The New Jersey Chapter wishes to thank Dr. Howard S. Kliger for the excellent presentation.

UPCOMING SAMPE EVENTS

2009 SAMPE International Symposium and Exhibition, Baltimore Convention Center, May 18 – 21, 2009, Baltimore, MD

**“LEVERAGING M&P
TECHNOLOGIES FOR A GREENER
FUTURE”**

The Baltimore/Washington, Midwest and Ohio SAMPE Chapters are sponsoring the 2009 ISS&E 2009 International SAMPE Technical Conference, Wichita, KS , October 19 – 22, 2009

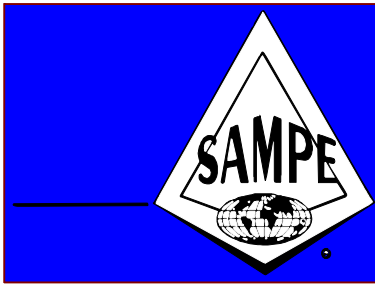
**GLOBAL MATERIAL TECHNOLOGY
SOARING TO NEW HORIZON**

The New Jersey and Wichita Chapters are sponsoring the 2009 ISTC

2008 – 2009 MEETING SCHEDULE
September 8 – 11, 2008 – 40 th International SAMPE Technical Conference, Memphis, TN Sponsored by Great Lakes Chapter
October 2, 2008 – FRP Strengthening of the Concrete Pier at the Naval Station Earle at Sandy Hook NJ, Dr. Howard S. Kliger, H. S. Kliger & Associates
November 6, 2008 – Tour of Alcan/Baltek Facility, Northvale, NJ
December 4, 2008 – Prefumery and Consumer Products, Lauren Castelli, Givaudan Corporation
February 5, 2009 – TBD
March 5, 2009 – TBD
April 2, 2009 – TBD
May 7, 2009 – Election of Officers – TBD
May 18 - 21, 2009 – 53 rd International SAMPE Symposium & Exhibition, Baltimore Convention Center, Baltimore, MD Sponsored by Baltimore/Washington, Midwest and Ohio Chapters
June 4, 2009 – TBD
July 9, 2009 – 26 th Annual NJ SAMPE Golf Tournament, Picatinny Arsenal, NJ

**THE NEW JERSEY CHAPTER HAS A
STUDENT CHAPTER AT DREXEL
UNIVERSITY**





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TOUR OF ALCAN BALTEK FACILITIES NORTHVALE, NJ

DR. KURT FEICHTINGER
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Phone: 201-367-1145

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ABSTRACT:

The New Jersey Chapter of SAMPE will be touring the facilities of Alcan Baltek Corporation in Northvale, NJ for its November meeting on November 6, 2008. **ALCAN COMPOSITES CORE MATERIALS** offers you many decades of broad experience not only from one company, but from two leading companies in the composite business. **Alcan Airex**, Switzerland and **Alcan Baltek**, U.S.A. provide you as **ALCAN COMPOSITES CORE MATERIALS** a unique range of core materials, great depth of knowledge and unmatched support.

It is all at your service in choosing just the right engineered materials for the product you are designing or building. We will not only assist you in making the right material choice without costly or time-consuming trial and error, we will also direct you to the best fabrication techniques. The actual construction environment that are very different from a laboratory. Also described are the

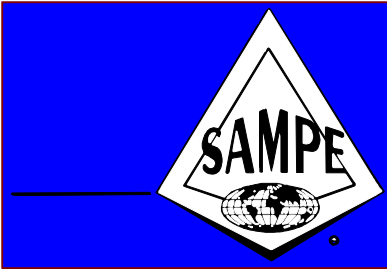
quality control and assurance measures taken to insure a proper repair.

After the tour, arrangements are being made for dinner at a local restaurant.

Please plan to join the Chapter for the November Meeting for the Tour of Alcan Baltek.

BIOGRAPHY:

Dr. Feichtinger received his BS in Chemical Engineering from Washington University (St. Louis) in 1974 and a PhD in Chemical Engineering from the University of Massachusetts (Amherst) in 1979, majoring in polymer science and engineering. His 29 years of industrial experience includes positions as a scientist at Owens-Corning Fiberglas (Granville, OH, Technical Center), General Electric Plastics, Davis+Geck (division of Lederle Labs), Rubatex, Inc., and Sentinel Products Corp. From 1984 through 1991 he served as Manager of R&D at Baltek Corporation, building their R&D laboratory and staffing the department from scratch. From 1995 until present, he serves as Technical Service Manager with responsibilities for customer technical and test support, new product development, existing product improvement and customer process development. In his charge are two master level engineers and a technical assistant. His specialization includes polymer chemistry and plastics engineering, with strong academic training and industrial experience in thermosetting as well as thermoplastic resins and products. Dr. Feichtinger has authored a dozen papers and been awarded four U.S. patents.



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**NOVEMBER MEETING
Continued**

DINNER

Dinner will follow the tour at Brady's Fox Hunt Inn on 201 Livingston St (Rt 303/505) in Northvale NJ 07647, 1-201-784-8047. The 3 meal choices are Sliced London Broil w/ mushroom sauce, Chicken Francese & Salmon and red pepper sauce.

DIRECTIONS

From NY metro area-Palisades Pkwy North to exit 5S. Head south on Rt 303/505 into Northvale NJ. Make left on Paris Ave, then a right on Veterans Dr, a left on Legrand Ave and a right on Fairway Ct. Arrive at 10 Fairway Ct, building on right.

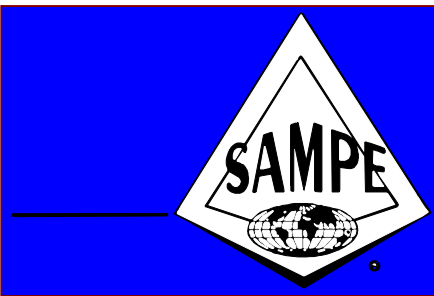
From Northern /Central NJ - Take Rt 287N or Garden St Pkwy N to 287/87 NY thruway heading east towards the Tappan Zee Bridge. Take exit 13 S to the Palisades Pkwy. Take exit 5 S and follow directions above to Baltek.

PLEASE meet at ALCEN/BALTEK, 10 Fairway Ct in Northvale NJ 07647, 1-201-767-1400 at 5:45 pm.

CORPORATE SPONSORSHIP

The New Jersey Chapter is inviting you and your company to be a Corporate Sponsor of the Chapter. By being a corporate sponsor, you and your company enables the chapter to continue its educational endeavors such as the Bridge Building Contest at the SAMPE Symposium and Exhibition and hold monthly technical meetings. The New Jersey Chapter will be sponsoring the 2009 Fall Technical Conference with the Wichita Chapter in October 2009 in Wichita, KS. In addition, your contribution enables the chapter to publish the monthly newsletter, conduct one day seminars and sponsor international conferences and exhibitions. These activities have helped the chapter become one of the best chapters in SAMPE.

In addition, the Chapter has revised its newsletter to provide greater recognition of its sponsors. A sponsor's corner has been included for sponsors to highlight new product announcements, new business activities, processes and informative information concerning your company. Please submit any items for inclusion in the newsletter to me by email at sampejohn@yahoo.com.



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41ST INTERNATIONAL SAMPE TECHNICAL CONFERENCE SAMPE 2009 – WICHITA

New Jersey SAMPE will be the major sponsor of the ISTC to be held in Wichita in September 2009. The Wichita SAMPE chapter will team with us and be the minor sponsor. With the conference only 11 months away, we're already very busy organizing the technical program and other events surrounding the conference. Here's an overview of where we are 11 months out.

Technical Program - We have about 39 confirmed sessions (that means 39 session titles with a chair for each). Session titles range from Advanced Manufacturing Technology to Thermoplastic Composites. Session chairs from the NJ chapter include Borys Schafran, Kurt Feichtinger and Carl Zweben. Technical Tracks include General Aviation, Building Blocks, Manufacturing, Nanotechnology and Systems. (All the sessions will fit into one of the tracks.) The Call for Papers is being modified to match the sessions and then we start beating the bushes for Abstracts which are due in early January. You will note that conspicuously absent from the session subject matter are areas such as Infrastructure, Sporting Goods, Medical, etc where the interest is limited anyway. Because the conference locale is Wichita, the General Aviation capital of the world, we have purposely concentrated on A/A related sessions.

Panels - Panels have presentations without formal papers published. We have 8 proposed panels but only 3 of them have been confirmed. Subjects include commercial and military applications, Multiscale Modeling, Carbon Fiber Supply and Energy for Aviation. These should get firmed up by December. There also may be two workshops, one sponsored by the FAA and the other chaired by Dr. Russ Maguire of Boeing and related to Advances in Fiber Technology .

Keynote - Our primary target is the President of Spirit Aerosystems. We are working on that.

Tour -There appears to be 3 choices for a single tour: Spirit Aerosystems, NIAR (National Institute for Aviation Research) at Wichita State Univ, and Cessna Aircraft. Attendees will identify their choice, space permitting

Organizing Committee

General Co-Chairs Ben Rasmussen and
Melanie Violette

Technical Co-Chairs Louis Pilato, Howard Kliger,
Brad Lucht and Wen-Fang
Hwang

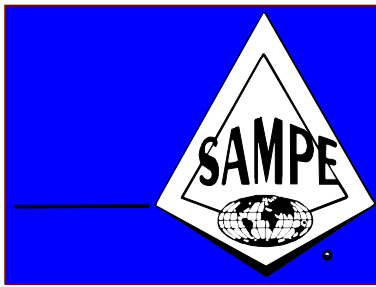
Finance Co-Chairs John Osterndorf and Bill
Washburn

Volunteers Yeow Ng and Ralph Carson

A-V Chair Tracee Friess

Wichita Liaison Darrell Dugan, Peter Wu
and John Tomblin

If you don't recognize the name, they're probably a Wichita SAMPE member. If you would like to assist with in organizing the conference, please contact one of the above personnel.



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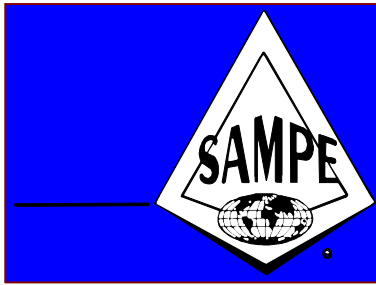
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2001 Harry S. Katz

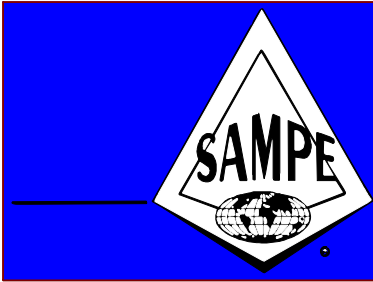
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