

FPD HOT NEWS

SPRING 2009 CONFERENCE will be May 3-5, 2009 at the Hyatt Grand Champions in Palm Springs, California. It will be co-located with the Machinery Division. **Mike Patterson and Bob Smith** are the conference co-chairs.



The agenda includes an Aerospace Industry Update by **Jim Hunt**, an Industry Regulatory Update on Halogenated Materials by SPI, "SPI Looking Ahead" by **SPI President Bill Carteau**, "The Greening of America" by **Lowell Catlett**, and a Talk on the Economy by **Dr. Loren Scott**, LSU. The Keynote Speaker is **Howard Fineman**, a Newsweek editor and leading political reporter and commentator. **There will not be any section breakouts at this conference.**

FPD LOGO... We are in the process of creating marketing material for the FPD. The logo shown is not yet approved, but is being used on a preliminary basis.



FPD SECTION ACTIVITIES

We will not have Section Breakouts at the upcoming Spring 2009 Conference. Both the Coaters and Processors Sections are working hard to reach new and old member prospects and make them aware of what Section membership can do for them.

Wire and Cable... Per Nelson, the section chair, provided an update on Wire & Cable Section activities at the Fall 08 Conference. They included:

- NFPA 90A Update
- Status of the National Electrical Code
- Leadership in Energy and Environmental Design (LEED) for Healthcare, and the Green Guide for Healthcare Status.
- Update on the Wire and Cable Life-Cycle Assessment project

FPD COMMUNICATIONS

FLUORONEWS is being printed digitally in full color. Digital printing is quicker and does not cost significantly more than offset printing at the quantities run. The Winter 2009 issue of FluoroNews will be issued in February, 2009

MONTHLY FPD HIGHLIGHTS has been reformatted in similar style to SPI Link. Special post-conference issues are being published in the month following the Spring and Fall conferences. Please include E. Robert (Bob) Hill on your press release list at

eben_hill@msn.com, so we can note the accomplishments and honors of your Company and Staff.

FLUOROGUIDE... We are updating the tables monthly, or as needed. Please check your company input on our website and give Bob Hill, Hill Business Writing LLC, any needed further updates at eben_hill@msn.com. We did a full update of FluoroGuide in June 2008 and updated several tables in December to reflect Fluorotherm, our new member, and several new FPD company representatives.

PEOPLE ON THE MOVE

ADVANCED FLEXIBLE COMPOSITES, INC. (AFC) announced the promotion of **Ismael Salomon** to Marketing Associate. Ismael will report directly to Michael Baker, Director of Marketing. Michael Baker, commented, "Ismael has been a valuable employee and a key member of our customer service team. His years of experience and expertise in all aspects of PTFE and silicone coated and laminated fabrics; tapes and belting have proven to be very beneficial. Ismael will be involved in all aspects of our marketing programs. Initially Ismael will be active in developing and implementing our new "AFCBASE" lead generation system. This work will allow AFC to develop the right products and solutions for our customers."

DAIKIN AMERICA... In keeping with the increasing importance of Daikin's Unidyne™ products, a family of fluorochemicals designed to impart superior water, oil, and soil repellency to a wide range of textile, non-woven, carpet, and paper materials, **Shawn W. Hickey** joined Daikin's Unidyne™ sales team as a Technical Sales Representative responsible for the day to day sales activities of Unidyne products in the paper market.

FPD... The new SPI representative for AGC is **Mike Lim**, replacing their rep of many years, **Evan Laganis**. The new SPI representative for Daikin is **Tim Grattan**, replacing **Al Damico**, who is now the Executive VP of SPI. Congratulations, Mike and Tim.

INDUSTRY HIGHLIGHTS

DEWAL INDUSTRIES, Inc. a leading manufacturer of high performance PTFE and UHMW-PE films and tapes, is offering a swatchbook with samples of its Dynaglide® PTFE series. The Dynaglide series is engineered in many grades to reduce friction and wear in various dynamic applications. It is lubricant-free, durable, temperature-tolerant, chemically-inert, resistant to deformation under load, compatible with many surfaces, and characterized by superior tensile strength. Dynaglide is the preferred tape where non-lubricated sliding bearings or seals are required. It can be as thin as 0.0022 in. and as wide as 55 in. The swatchbook is available from Chris Brooks, Director of Sales and Marketing, at cbrooks@dewal.com. Requests can also be faxed to 800/ 488-6780.

ARKEMA has developed a new process that eliminates fluorosurfactants from its Kynar 500® PVDF. Arkema is introducing Kynar 500® PVDF (polyvinylidene fluoride) resin made using a new fluorosurfactant-free (FSF) process. In 2006, Arkema decided to launch a substitution research program in order to gradually reduce the amounts of fluorosurfactants used in its PVDF range.

Arkema's recently completed expansion of its Calvert City, Kentucky facility and its recently announced Changshu, China plant will feature this new technology in its production of Kynar 500® PVDF.

ARKEMA's teams achieved the pre-registration of 470 substances concerned by the Reach regulation with the European Chemicals Agency (ECHA). In order to carry through this project on time, Arkema has consolidated its teams by recruiting toxicologists and ecotoxicologists, who are working on the next stages of the registration process, the first cut-off date being November 2010, in particular within "consortia" which are being set up to prepare joint registration dossiers involving several producers of the same substance.

DYNEON is leading the industry with the introduction of its new emulsifier, Dyneon™ADONA™ Emulsifier, which eliminates the use of ammonium perfluorooctanoate (APFO), a salt derived from perfluorooctanoic acid (PFOA), completely from its production of fluoropolymers. With the development of its new emulsifier technology, Dyneon is on track to be the first to achieve the goal of eliminating the use of PFOA, seven years ahead of the U.S. Environmental Protection Agency's (EPA) 2010/15 PFOA Stewardship Program goal.

Dyneon™ ADONA™ Emulsifier is suitable for recovery, recycle and reuse using Dyneon's existing advanced containment technology. The elimination of the use of APFO from Dyneon's manufacturing processes and the transition to a fluoropolymer product portfolio made using Dyneon™ ADONA™ Emulsifier is complete for Dyneon's aqueous dispersions and underway for non-dispersion products. Dyneon experience indicates essentially no differences between Dyneon products made using APFO and products made using Dyneon™ ADONA™ Emulsifier. For more information, please visit www.dyneon.com and www.dyneon.com/ADONA or call 651/ 733-5353.

SOLVAY SOLEXIS announces the launch of a new product line, Aquivion™, an innovative perfluorosulfonic acid (PFSA) polymer specifically designed for today's Fuel Cell industry. This polymer has now become commercially available. Aquivion™ PFSA features lower equivalent weight than competitive polymers and its short side chains make it unique among ionically conductive perfluoropolymers (ionomers). Aquivion™ PSFA is available as membranes and as dispersions. Aquivion™ products' superior properties allow the design of simpler and more efficient Polymer Electrolyte Fuel Cell systems.

THE US DEPT. OF ENERGY (DOE) has awarded Clemson University researchers, in collaboration with DOE's Savannah River National Laboratory, \$409k to develop a new polymer membrane that may enable the production of hydrogen using high temperature heat such as that from a nuclear reactor. Clemson chemist Dennis Smith will lead the program to develop a new fluoropolymer material that can withstand the harsh conditions in the electrolyzer, which is used to react sulfur dioxide and water to produce hydrogen and sulfuric acid. The project will build on Clemson's longstanding research in the area of **fluoropolymer electrolyte membranes**.

SPI ACTIVITIES IN SUPPORT OF FPD

ABOUT SPI... Founded in 1937, SPI is the plastics industry trade association representing the third largest manufacturing industry in the United States. SPI's member companies represent the entire plastics industry supply chain, including processors, machinery and equipment manufacturers and raw materials suppliers. The U.S. plastics industry employs 1.1 million workers and provides nearly \$379 billion in annual shipments.

THE ALLIANCE OF PLASTICS PROCESSORS (APP), A UNIT OF SPI, is now accepting applications for the International Plastics Design Competition (IPDC), which will co-locate with NPE2009 on June 22-26 at Chicago's McCormick Place. The IPDC will be the first competition produced by the APP that is open to innovative products from any country in the world and for use in any end market.

Designers, processors, mold makers, material suppliers, OEMs, and other parties involved in the development of an innovative product have until April 1, 2009 to enter the product in the competition. Full information, including award categories, judging criteria, entry fees, and an application form, is available online at www.plasticsdesign.org or by clicking on the IPDC logo on the NPE2009 home page at www.npe.org.

APP is the successor to SPI's Structural Plastics Division and for 35 years has sponsored a design competition renowned in North America as a showplace for innovative plastic products.

SPI SPONSORS U.S. – INDIA PLASTICS TRADE SUMMIT... Building on the success of the trade summit held during ChinaPlas 2008, SPI, in coordination with the PlastIndia Foundation, is organizing a one-day plastics trade summit during [PlastIndia 2009](#) on February 5, 2009. The summit plans to foster better ties between the U.S. and Indian plastics industries as well as discuss bilateral trade opportunities. The trade summit will feature sessions on market development trends in the two markets, resources for a successful partnership, challenges facing the development of the plastics industries in the United States and India,

and approaches to further collaboration. For additional event information, including the summit agenda, visit the [SPI website](#) or contact SPI's Director of International Trade, [Amy Sherman](#).