

## **SPF offerings and performance innovations key themes at construction sessions at Polyurethanes 2010 Technical Conference**

**New gains in reducing the environmental impact of building materials and enhancing their performance will be presented at the Polyurethanes 2010 Technical Conference this fall. Sponsored by Center for the Polyurethanes Industry (CPI), in partnership with UTECH North America exhibition, the event will take place from 11 – 13 October 2010, at the George R. Brown Convention Center in Houston, TX, USA.**

The 2010 conference will include two technical sessions on construction, as well as numerous poster presentations, special panel sessions on topical issues for the polyurethane industry, a professional development program and the annual Polyurethane Innovation Awards.

"This year, we have two full sessions addressing the latest technology and trends in construction, and a panel on spray polyurethane foam (SPF), as well as Health, Safety, and the Environment on product stewardship outreach for SPF. As SPF continues to gain popularity as an insulating material for homes and buildings, we are providing a wealth of information on this technology, from recent innovations to product stewardship initiatives," said Neeva-Gayle Candelori, director, CPI.

The first construction session will be entirely dedicated to spray polyurethane foam (SPF). Arkema and Honeywell will present new low-GWP blowing agents for spray foam with low global warming potential (GWP). Tosoh will highlight a novel catalytic additive for water blown spray polyurethane foam. Also in the realm of new additive technology, Air Products will discuss reducing the environmental impact of spray foam systems while also enhancing their performance. SPF product developers will gain insight into resolving stud line cracking in metal stud walls with an investigation of this issue from Dow Chemical.

The second construction session – advancing the science of construction materials – opens with a Foam Supplies paper examining the long term ageing of closed-celled foam insulation. Huntsman will provide a detailed analysis of the dimensional stability of polyiso insulation boards in commercial roofing applications. A low GWP blowing agent for pour-in-place panel foam applications will be presented by Honeywell, and Dow will describe a family of polyisocyanurate foam systems designed to meet stringent fire resistance requirements in buildings. Momentive will close the session with a paper on the effects of adhesion promotion additives on polyisocyanurate foams.

This year's Health, Safety, and the Environment session will address product stewardship for SPF. Bayer MaterialScience, Honeywell, Huntsman, BASF and CPI will present their work developing reoccupancy guidelines and new product stewardship literature, monitoring HFC-245fa (hydrofluorocarbon) exposure, evaluating SPF particulates from trimming and cutting, and providing guidance on respiratory protection for SPF applicators and helpers.

The conference will close with an awards luncheon when the winner of the polyurethane innovation award, and best paper and poster awards will be announced. Of special interest to those in the construction industry will be a special panel on SPF immediately following the awards luncheon. Throughout the conference, attendees will also have the opportunity to participate in the professional development programme.

For the second time, the Polyurethanes Technical Conference will be held in conjunction with the UTECH North America expo, bringing together the resources of two of the world's largest polyurethane events. The current exhibitors list of UTECH North America features a strong presence from the US, Europe, and China, including Air Products, Albrecht Bäumer, Albemarle, Arch Chemicals, Baulé, Bayer MaterialScience, Lanxess, BYK Chemie, Cannon, Coim, Repi, Graco, Momentive, Tosoh, Yantai Wanhua Polyurethanes, and many other leading companies.

These companies will present world-class solutions, including many technologies that contribute to sustainable development and protection of the global environment. Visitors to the exhibition can register online for free before 4 October 2010.

Registration for the Polyurethanes 2010 Technical Conference is now open at [www.polyurethane.org](http://www.polyurethane.org).

### **Adresse:**

<http://www.gupta-verlag.com/polyurethanes/news/industry/8387/spf-offerings-and-performance-innovations-key-themes-at-construct>