

## Paper and Poster Winners from CPI 2012 Polyurethanes Technical Conference

The Center for the Polyurethanes Industry (CPI) of the American Chemistry Council (ACC) congratulates the winners of the awards for best technical papers and posters at the 2012 Polyurethanes Technical Conference, which took place in Atlanta, GA, USA, 24 – 26 September 2012.

“Congratulations to all the paper and poster winners at the 2012 Polyurethanes Technical Conference,” said **CPI Senior Director Lee Salamone**. “The technical content is the heart of our annual conference, and these winners offered new perspectives and information that were incredibly valuable to attendees. All of the 63 technical papers and 26 posters helped propel us to a five year high in attendance for the conference. We are grateful to all our paper and poster presenters for their contributions.”

Eight-hundred and ninety-five people attended the 2012 conference in Atlanta, where paper and poster awards were presented during the closing session on Wednesday, Sept. 26 by Conference Chair **Amanda Pugh** of **Chem-Trend** and Vice-Chair **Tony Lanchak** of **Momentive**. Paper and poster winners are named for each technical session and poster category based on votes from session and conference attendees.

### 2012 Best Paper Award Winners:

- Adhesives and Elastomers: Robert Miller of Dupont, Tate & Lyle Bio Products and Lawrence Theunissen of Reverdia V.O.F for “Evaluating the Properties and Performance of Susterra 1,3-Propanediol and Biosuccinim Sustainable Succinic Acid in TPU Applications.”
- Appliances/Energy Critical Foams: Melissa Rose of Dow for “Assessment of Formacel 1100 (FEA-1100) Blowing Agent in Rigid Polyurethane Insulating Foams for Domestic Appliance.”
- Automotive: Courtney Thureau of Air Products and Chemicals, Inc. for “Reducing Silicone Surfactant Emissions in Automotive Flexible Molded Foam.”
- Chemistry and Fundamentals: Toru Miyajima of Sanyo Chemical Industries, Ltd. for “Newly-developed High Performance Polyols with High Primary Hydroxyl Groups for Flexible Polyurethane Foams.”
- Construction 1: Advancing the Science of PUR/PIR Construction Foam: Robert Tauchen of Evonik Goldschmidt Corporation for “Understanding the Relationship Between Surfactants and Aged Insulation Value in PIR Foam.”
- Construction 2: Advancing the Science of SPF for the Construction Industry: Bulent Ozbas of Air Products and Chemicals, Inc. for “Low- or Non-Emissive Amine Catalysts for Low Density, Open-Cell Spray Polyurethane Foam.”
- Elastomers and Footwear: Rafael Camargo of Huntsman International, LLC for “Renewable Footwear Systems Based on Polyols Derived from Waste Carbon Dioxide.”
- Environment, Health and Safety: Scott Ecoff of Bayer MaterialScience, LLC for “A Proposed Methodology for Establishing a Safe Work Zone Around an SPF Application to Exterior Walls of a Commercial Structure.”
- Flame Retardants and Combustibility (tie): Jeffrey Stowell of ICL-IP America Inc. for “New FR Developments for the Flexible Foam Market,” and Ofodike Ezekoye of the University of Texas at Austin for “A Comparative Study Assessing Factors that Influence Home Fire Casualties and Fatalities Using State Fire Incident Data.”
- Flexible Foams: David Honkomp of Dow for “New Formulation Technology for the Production of all-MDI Molded Viscoelastic Foams.”
- Processing Innovations: Carl Szczygiel of Frimo Inc. for “Innovation for Release Agent Free Foam Molding.”
- Renewable Content Polyols: Jason Anderson of Novomer, Inc. for “Using Waste CO<sub>2</sub> to Create Novel Renewable Polyols for Polyurethane Applications.”
- Sustainability: Polyurethanes and the Future: Paul Ashford of Caleb Management Services Limited for “European Experiences on the End-of-Life Management of Polyurethane and Other Foams.”
- Worker Health and Safety: Bob Creighton of Bayer MaterialScience, LLC for “Creation and Implementation of a Contractor Accreditation Program for Spray Polyurethane Foam.”

### 2012 Best Poster Award Winners:

- Chemistry: Ming Zhou of Spectra Analysis Instruments, Inc. for “De-Formulating Complex Polymer Mixtures Involved with Polyurethane by GPC-IR Coupled Technology.”
- Equipment and Processing: Otto Huiber of Hi-Tech Engineering, Inc. for “External Valving Applications for Mixing Heads.”
- Flexible Foam and CASE (tie): Robert Luedeka of Polyurethane Foam Association for “Polyurethane Foam Association: Critical Issues, Positions, and Related Activities,” and Juan Carlos Medina of Dow for “Voranol 223-060LM Polyol: A Novel Dow Polyol for Use in Higher Performance Polyurethane Applications.”
- Renewable and Recyclable Materials: Juan Francisco Rodriguez Romero of the University of Castilla – La Mancha for “Complete Recovery of Flexible Polyurethane Wastes by Two-Phase Glycolysis.”
- Rigid Foams and Blowing Agents: Akira Sekiya of AIST for “Global Warming and Carbon Resource Evaluation of Foam Blowing Agents for Residential-use Polyurethane.”

On 1 November 2012, CPI will issue its call for papers and posters for the next Polyurethanes Technical Conference, which will take place in Phoenix, Arizona, 23 – 25 September 2013. In the meantime, CPI encourages polyurethanes professionals to reach out to their colleagues and begin discussing possible topics for papers and posters for 2013.

**Adresse:**

<http://www.gupta-verlag.com/polyurethanes/news/industry/12162/paper-and-poster-winners-from-cpi-2012-polyurethanes-technical->