

SHOW PREVIEW

RadTech's biennial show returns to the Windy City

Don't miss the world's largest event dedicated to the educational, technical, and scientific advancement of UV and EB technologies.

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The world's largest event dedicated to the educational, technical, and scientific advancement of ultraviolet (UV) and electron beam (EB) technologies

TECHNOLOGY EXPO AND CONFERENCE

May 7-9, 2018

Hyatt Regency, O'Hare - Chicago, Illinois



As the use of ultraviolet and electron beam (UV+EB) processes continues to grow and new applications arise, traditional manufacturing firms are customizing their equipment for these fast-emerging technologies. UV+EB are becoming vital solutions in the growth of next-generation fabrication, finishing, protection, and adhesion technologies for a wide range of applications. RadTech International North America, the non-profit association for the advancement of UV+EB technology, has announced its 16th biennial event dedicated to this rapidly emerging field. RadTech UV+EB Technology Expo and Conference 2018 will be held May 7-9 at the Hyatt Regency O'Hare in Chicago, Ill.

The 3-day conference and expo is the world's largest UV+EB event, making it a must for anyone involved in these technologies. The conference and exhibition are dedicated to fostering educational, technical, and scientific advancement in the manufacture and use of UV+EB curable products. UV+EB curing offers energy efficiency, increased return on investment, higher quality products, and lower greenhouse gas and VOC emissions. Talk to the experts and meet the leading industry suppliers on the trade show floor to learn how these technologies enable sustainable and flexible manufacturing.

Education

The educational programming for the show will consist of more than 100 technical sessions, short courses, and panel discussions. There will also be New Product Debut special sessions, which will allow exhibitors to showcase their new products and services. Leading industrial and consumer product companies as well as suppliers to the industry will be presenting various industry sessions focused on solutions offered by UV+EB technologies as well as practical applications.

Sessions will focus on UV-cured powder coatings, high-performance coatings, waterborne coatings, field-

applied coatings, advanced coating applications, and more. Session topics include: Introduction to the Basics of UV/EB Curing; Recent Progress in UV/EB Curable Pressure Sensitive Adhesives; Energy Curable Coatings for Automotive Interior; UV Curing for Anti-Corrosion Applications; High Performance UV Curable Materials for Coatings and 3D Printing; UV Energy Cure for Formable Hard-Coated Polymeric Film and Sheet; New Applications for Waterborne UV Resins; and UV-Curable Fluoropolymer Coatings for Application at Low Temperatures. For a complete list of educational sessions, visit the show's website and plan your visit ahead of time to make the most of your visit to the show.

Several short courses will be held on Sunday, May 6, from noon to 9:00 p.m. Short course topics include inkjet surface decoration and click chemistry in radiation curing. There are also academic educational opportunities in the form of undergraduate and graduate level polymer chemistry courses.

New this year is a collaboration with The Photopolymerization Fundamentals Conference, the premier scientific meeting for academic and industrial participants, which will provide presentations on the latest research on novel and fundamental questions related to photopolymerization. Leading UV+EB researchers from six universities and the Air Force Research Laboratory will present their recent research on critical results and findings that may aid product development. Talks will highlight emerging applications and materials platforms, including high-performance fibers, self-assembly, novel polymerization systems and methods of controlling network structure and properties, photo-responsive networks, click chemistry, and light activated dark cure.

Exhibition

The exhibition will include more than 80 exhibitors involved in a variety of industries, including adhesives, aerospace and defense, automotive OEM and tier one manufacturing, automotive repair and refinishing, composite applications, commercial printing, converting

and packaging, decorative applications, electronics and electrical, graphic arts, industrial finishing, metals, plastics, wood, and more. A full list of exhibitors is available on the show's website.

Special events

In addition to the conference and exhibition, several special events will take place at this year's show, including an

Opening Reception, President's Reception, and Emerging Technology Awards Dinner. There will also be awards and competitions taking place at the show, including the RadTech/TAGA Student Poster Competition. **PC**



Show information

Location. RadTech 2018 will be held at the Hyatt Regency O'Hare, 9300 Bryn Mawr Ave., Rosemont, IL 60018. The hotel is located just over 3 miles from the Chicago O'Hare International Airport, making it convenient but also close enough to visit downtown Chicago. The hotel offers a complimentary 24-hour shuttle service to O'Hare for its guests, with a shuttle run every 15 minutes. Midway Airport is about a 26-mile drive.

Hotel. Rooms at the Hyatt Regency O'Hare can be booked at a discounted rate through a link on the show website or by calling the hotel directly at 888/421-1442.

Conference hours. 8:00 a.m. to 5:30 p.m. on Monday, May 7, and Tuesday, May 8; 8:00 a.m. to 3:15 p.m. on Wednesday, May 9.

Exhibition hours. 10:00 a.m. to 6:30 p.m. on Monday, May 7, and Tuesday, May 8; 10:00 a.m. to 2:00 p.m. on Wednesday, May 9.

Registration. Full registration is \$895 for RadTech members and \$1,195 for nonmembers through April 20. After April 20 and onsite registration is \$1,095 for members and \$1,395 for nonmembers. One-day technical conference registration is \$400 for members and \$500 for nonmembers through April 20, and \$500 for members and \$600 for nonmembers after that date. Exhibit-only registration is \$75 by April 20 and \$100 onsite. Short courses are priced per course.

Contact info. For more information, contact show services at 240/497-1242 or uveb@radtech.org. The official show website is www.radtech2018.com.