

SHOW PREVIEW

Midwest coaters meet up in the Twin Cities

Hundreds of coating professionals will gather for the Minnesota Symposium & Paint and Powder Coating Expo this spring, which has become a well-respected regional trade show.

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2018 Minnesota
PAINT & POWDER
COATING EXPO

If you're a coating professional working in or near the Midwest region, make sure you attend the 10th Minnesota Symposium & Paint and Powder Coating Expo this spring. You'll learn about improving the efficiency of industrial finishing operations while maximizing investment returns. In today's global marketplace, your shop's ability to operate efficiently is one of your best competitive advantages, and this show can help you reach that goal.

The event will be held March 14-15 at Century College in White Bear Lake, Minn., a suburb of St. Paul. It's hosted by the Twin Cities Chapter of Chemical Coaters Association International (TC-CCAI) and the Minnesota Technical Assistance Program (MnTAP) at the University of Minnesota. Everyone involved with industrial finishing—from presidents and paint line supervisors to painters and environmental officers—will

benefit by attending and obtaining essential information to improve the finishing process.

This event will encompass a vendor show, hands-on demonstrations, and technical seminars to answer all of your industrial coating and process efficiency concerns. If you are involved with industrial finishing, you will benefit by attending both the symposium and the expo and obtaining essential information to improve your finishing process. At the last expo in 2015, more than 400 participants attended the 17 technical seminars and a vendor show that featured more than 50 exhibits. A similar turnout is expected this year at this well-respected regional trade show.

Highlights

Symposium. This year's symposium topic is "Industrial Internet of Things: The Future of Manufacturing." The Industrial Internet of Things (Industrial

IoT) is made up of a multitude of devices connected by communications software. The resulting systems, and even the individual devices that comprise it, can monitor, collect, exchange, analyze, and instantly act on information to intelligently change their behavior or their environment—all without human intervention. The Industrial IoT enables the smart system in your car that brakes automatically when it detects an obstacle in the road. It enables the patient monitoring system in hospitals to track everything from a patient's heart rate to their medication intake. It enables a mining machine or space robot to safely and efficiently operate where humans can't venture. More and more finishing equipment is being designed to automate tasks. To remain competitive, you will need to take advantage of these labor-saving opportunities.

The program has three components: Internet Security — How to protect

the communication and data being exchanged; Equipment Considerations and Process Integration; and Case studies from a local company that made recent installations. The symposium is targeted to plant managers and supervisors, IT support workers, maintenance technicians, and company management personnel. Suppliers will also benefit from learning how you might be able to help your customers implement this technology.

Expo. The expo will feature quality presentations all day long, beginning with a welcome address at 8:00 a.m. by Tom Poppitz, CCAI Twin Cities Chapter president; Paul Pagel, MnTAP senior engineer and EXPO co-chair; and Anne Goyer, CCAI executive director. The rest of the presentations will be split into three focus topics: Pretreatment, Equipment, and Materials.

Technical sessions in the Pretreatment focus will include: Pretreatment 101: The Basics by Doug Van Duyne, DuBois Chemicals; Media Blast or Acid Pickle: Removing Laser Edge and Weld Scale by Chris Berger, Calvary Industries; and Troubleshooting the Modern Industrial Pretreatment and Coating Shop by David Chalk, DuBois Chemicals.

In the Equipment focus, technical sessions will include: Material Handling Considerations for Coating by John Sjudes, Midwest Finishing Systems; Financial Analysis of Powder Coating Your Parts by Mike Withers, Axalta Coating Systems; and Infrared 101: How Does it Work and Will it Save You Money? by Marty Sawyer, Trimac Industrial Systems.

In the Materials sessions, technical presentations will be: Batch System Design Criteria by Aaron Hughes, General Automatic Transfer; Liquid Paint by Vogel Industrial Coatings; and Post-Addable Powder Coating Additive Technology by Steven Thompson, Lubrizol Advanced Materials.

In addition to the focus sessions, there will be two general presentations held in the afternoon. At 1:30 p.m., Applying Science to the Art of Powder Coating by Robyn Aiken of BTM will be offered. At 2:30 p.m., Success Stories in Finishing will be offered, which will feature local users and suppliers presenting finishing success stories on operational efficiencies, cost savings, and energy reduction.

A vendor show will be also held during the afternoon to answer all of your industrial coating and process efficiency concerns. It will highlight paints, powder application equipment, pretreatment technology, and cleaning and curing systems. It will also feature live hands-on demonstrations with working application equipment and ovens. Vendors at the show will include Fischer Technology, Vogel Industrial Coatings, Rohner, EPSI Masking Solutions, DuBois Chemicals, Gema USA, Nordson, GAT Finishing Systems, Calvary Industries, Global Finishing Solutions, and more.

Painter training. In conjunction with the expo, the Iowa Waste Reduction Center will provide liquid industrial painter training, where trainers will work with attendees to improve finishing techniques on virtual reality spray equipment. Training will cover the fundamentals of spray application and focus on best practices to optimize spray technique to improve productivity, reduce rework and defects, and decrease air emissions. The 4-hour program is available in either the morning or afternoon. Class size is limited to 25 per session. Painter training is offered through the financial support of MnTAP. **PC**

Show information

Location. The Minnesota Symposium & Paint and Powder Coating Expo will be held at Century College, 3300 Century Ave N, White Bear Lake, MN 55110; www.century.edu. A Northeast suburb of St. Paul, Century College is located just north of Highway 694 and can easily be reached by cab or public transport. Parking at the college is free. Please park and enter on the south side of the building; registration will be held on the upper level.

Symposium hours. 8:00 a.m. to 1:00 p.m. on Wednesday, March 14. Registration and breakfast begin at 7:30 a.m.

Expo hours. 8:00 a.m. to 3:30 p.m. on Thursday, March 15. Registration and breakfast begin at 7:30 a.m.

Vendor show. 11:00 a.m. to 3:30 p.m. on Thursday, March 15.

Painter training. 8:00 a.m. to noon or 1:00 to 5:00 p.m. on Wednesday, March 14. Lunch for both sessions will be served from noon to 1:00 p.m.

Registration. Registration for the 2018 Minnesota Paint and Powder Coating Expo is now open online by visiting <http://www.ccaieweb.com/events/EventDetails.aspx?id=944697> and clicking on the blue Register button in the event description. The cost to attend the symposium is \$100 for TC-CCAI members or \$135 for nonmembers. To attend the expo, registration is \$25 for TC-CCAI members or \$35 for nonmembers. The cost for the painter training is \$50 for TC-CCAI members or \$75 for nonmembers. The registra-



tion deadline is March 2nd. A continental breakfast and lunch are included in all registrations.

Contact info. For more info, contact Tim Milner of TC-CCAI at twincitiesccai@gmail.com or Paul Pagel of MnTAP at expo@umn.edu. More information can be found at <http://www.ccaieweb.com/events/EventDetails.aspx?id=944697>.