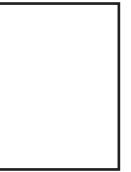




2000 N. 15th Street, Ste. 250
Arlington, VA 22201



NORTH AMERICAN PULTRUSION CONFERENCE

APRIL 8-10, 2019 · ROSEMONT, IL
(OUTSIDE OF CHICAGO)



Register for an All Access Pass to Education,
Networking, and Innovations in Pultrusion Technology.
Rates Increase March 22!

acmanet.org/2019pultrusion



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IN PARTNERSHIP WITH



A Valued Experience

The North American Pultrusion Conference will bring together 150+ industry leaders, customers, OEMs, and suppliers from around the world. No one hosts a better conference for the pultrusion industry than leading global organizations – ACMA in partnership with EPTA. This education and networking conference provides you the opportunity to:

- Gain the knowledge you need to keep apprised of key industry issues
- Network and debate topics with attendees
- Engage with experts on new insights and best practices

Featured Speakers



Paul Gogan - WEC Energy Group

Manager of Electric Distribution and Reliability Planning

Paul Gogan has over thirty years of experience in the design, maintenance, operation, and construction of electric distribution, transmission, and generation facilities. In his current role, Paul oversees the engineers and technicians responsible for design, testing, and asset management. Under his direction, WEC has been awarded the PA Consulting Award for Excellence in Reliability for the last seven years. Mr. Gogan is the Chairman of the Edison Electric Institute Working Group on New Technology, where he is a frequent author of electric distribution standards and papers. ConstructionDIVE, and CompositesWorld.

Session Highlight: Paul's keynote session will discuss how his group is able to consistently be named the most reliable electric service provider in the Midwest through their use of composite utility poles and crossarms. Paul will describe how these utility poles are deployed and installed in various remote locations and why they've opted to transition to these poles for their customers.



Steve Gonzalez - KONE

Director of Major Projects

Steve Gonzalez is a mechanical engineer, and patent holder with more than 20 years' experience in the design, construction, analysis and optimization of commercial and industrial building systems, with special focus on buildings' utilities and infrastructure. Steve serves as KONE's Director of Major Projects, leading the strategy, sales and execution of the Americas Major Projects business. He also conceived and led the creation of KONE's award-winning Project Management Development Program and the project management structure for KONE's largest and most complex projects, globally. He has been previously featured in various publications including The Wall Street Journal, ConstructionDIVE, and CompositesWorld.

Session Highlight: Steve's keynote session will explore how KONE developed UltraRope™ - a super-light rope technology, with carbon fiber core and special high-friction coating. UltraRope™ technology eliminates the disadvantages of existing steel ropes – high energy consumption, rope stretch, large moving masses, and downtime caused by building sway.

Why Attend?

Pultrusion is one of the largest established, manufacturing technologies and remains a relevant and substantial process for composites products in existing markets like construction, infrastructure, and energy; and in new markets, like aerospace and automotive. This conference will provide:

- Presentations from industry leaders from around the globe
- Forecasts and models on industry trends
- New and innovative applications and technologies
- Important information about today's standards and quality

Conference Program

This must-attend event will cover a variety of new materials, including high temperature, liquid, and low smoke resins, and weather stabilized materials; market applications in the electric utility, bridges infrastructure, and automotive industries; an update on Eurocodes - the design standards for safe buildings in Europe; and more!

Curved Pultrusion For Lightweight Automotive Components

Toby Jacobson; Shape Corp.

This presentation will describe some exciting new solutions for tackling the challenges that have killed so many automotive composite initiatives: process speed, predictability, cost, and innovative attachments.

Waterfront Solutions Utilizing Pultruded Pipe & Sheet Piles

Dustin Troutman; Creative Pultrusions, Inc.

Learn about some of the codes and standards required to conduct business with government and private agencies when utilizing pultruded sheet and pipe piles for projects such as retaining walls, storm protection, bridge and pier fenders, and bearing piles.

High Temperature Resin Alternatives

Jeffrey Starcher; Scott Bader

This presentation will provide an overview of the many resin and tool options available in pultrusion and will provide examples of potential solutions for the intended service environment.

Elium - the Liquid Thermoplastic Resin for High Strength Pultruded Composites

Dana Swan; Arkema

Elium is a new, thermoplastic resin that boasts strong post-process capabilities, including welding, thermoforming, and recycling – this session will explore these post-process capabilities, and the processing and mechanical properties of Elium.

Eurocode Composites Status Report

Eric Moussiaux; Exel Composites

The Eurocodes are the design standards for safe building in Europe – this session will provide an overview of the codes and standards related to composites, and the next steps and main hurdles.

An Aluminum Conductor with Pultruded Composite Core Reduces Line Losses by 25 - 40%

Clement Hiel; Composite Support & Solutions, Inc.

In this session, a newly designed Aluminum Conductor Composite Core (ACCC) addresses line-loss issues through a radical departure from traditional conductor designs that rely on steel.

Best Practice for Testing of Catalyzed Stability in Pultrusion

Jeff Rothchild; AOC Aliancys

Explore a new, more reliable method for correlating a specific mix formulation to maintain adequate pot life when faced with destabilizing factors: resin, pigment, lubricant, additive combinations, and more.

New High Reactive Anhydride Curing Agents

Karana M. Shah; Dixie Chemical

High performance applications require a specific pultruded profile – this session will explore the practicality of using new and unique pre-catalyzed anhydride curatives with epoxy resins.

Robust High Speed Pultrusion of Epoxy Resin

John Unser; IACMI - The Composites Institute

This session will explore the key variables such as fillers, internal mold release, glass content, and die temperature, that were used to develop a new anhydride system and epoxy base for use in pultrusion.

The Successful Standardization of Fiberglass Rebar

Dr. Amol Vaidya & Doug Gremel; Owens Corning

The fiberglass rebar industry has successfully standardized rebar specifications, codes, and testing standards – learn how this success can serve as an example of how a collaborative approach could be adopted by other pultrusion applications.

Hygrothermomechanical Response of Thin-Walled, Tapered, Laminated Composite Tubes

Sthanu Mahadev; California Polytechnic State University

California Polytechnic State University has developed a new analytical model for thin- and thick-walled, tapered composite tubes – learn about the effect of geometric curvature and taper angle to estimate a variety of measurable mechanical properties.

Weather-stable Colorants for Exterior Applications

Jordan Encarnacion; American Colors

This session will share the research, testing standards, and development process of a liquid, pigment-rich product that circumvents fading and system degradation in colored composites.

Low-Cost, Industrial Carbon Fiber Pultrusion & Applications

David Purcell; Zoltek

Following the breakthrough wind energy application, this session will explore the materials and processes needed to maintain a low-cost carbon fiber product that replaces the need for fiberglass in various applications.

Improve Processing with Modified Acrylic Resin for Low Flame Spread and Low Smoke Applications

Michael Stevens; Ashland LLC

An improved resin has been developed to address some of the most common processing challenges for modified acrylic resins, including flame spread and smoke emissions; this session will compare the modified acrylic resin options and stability of the alumina trihydrate (ATH).

Method for Improved Tool Life, Material Flow & Precision

David Bell; Phygen Coatings, Inc.

This presentation will illustrate a variety of surface enhancement methods provided by a new plasma acceleration coating that allows for creating enhanced surface precision that results in no distortion or change to tool size.

Flexibility in Polyurethane Injection Molding

Sebastian Strauß; Research Institute for Casting, Composite and Processing Technology

This presentation will provide information on the latest research surrounding shape flexibility in bio-based polyurethane injection pultrusion to allow for shifting during application; the use of bio-based polyurethane and fibers allows for renewable composite structures.



For session details, visit:
acmanet.org/2019pultrusion

Rates Increase After March 22 - Register Early and Save!



Networking

With two networking breaks, three networking breakfast and lunches and two networking receptions, attendees are provided ample opportunity to share information and best practices, and learn from leaders, colleagues and peers.

Want more face time?

Join us on Tuesday for an optional Oktoberfest dinner at 6:30 pm.

Oktoberfest...In April?!

Don't miss out on this Oktoberfest themed event on April 9th at Hofbrauchhaus Chicago from 6:30 pm – 9:00 pm. Enjoy this fun-filled evening with live entertainment, good food and drinks! The communal dining experience is a terrific way to network. Tickets are \$65/person, which includes food and 2 beverage tickets for the night.

Special Thanks for the Generous Support of Our Sponsors!

PLATINUM



SILVER



EXHIBITORS

AMERICAN COLORS, INC
 AOC ALIANCYS
 CHROMAFLO TECHNOLOGIES
 COMPOSITES ONE
 INTERPLASTIC CORPORATION
 KENT PULTRUSION
 PART CONSULTING LLC
 ROMEO ENGINEERING, INC
 SUPERIOR HUNTINGDON
 COMPOSITES, LLC
 TECHNICK PRODUCTS, INC

As of 1/29/2019*

Meet with these cutting-edge exhibitors during networking breaks, lunch, breakfast and coffee breaks throughout the Pultrusion Conference.

For the updated exhibitor list, visit the conference website.

Sponsorship and exhibit opportunities are still available. Contact **Alexis Dennis, Sales Representative, NTP Events**, at adennis@nptevents.com, 703-706-8216 for ACMA and Composite Manufacturing sales information and questions, or **Keyla Alanes, Events and Education Assistant**, at kalanes@acmanet.org, 571-645-5264.

Please note that NTP Events is the exclusive sales company for ACMA products.

Schedule at a Glance

MONDAY, APRIL 8

10:00 AM – 4:00 PM
Exhibit Set Up

2:00 PM – 4:30 PM
Pultrusion Industry Council Meeting (invitation only)

5:30 PM – 6:30 PM
Welcome Reception with Exhibitors

TUESDAY, APRIL 9

7:30 AM – 8:30 AM
Breakfast with Exhibitors

8:30 AM – 9:30 AM
Welcome & Keynote Session

9:30 AM – 4:45 PM
Conference Programming

10:00 AM – 10:30 AM
Coffee with Exhibitors

12:00 PM – 1:30 PM
Lunch with Exhibitors

3:15 PM – 3:45 PM
Coffee with Exhibitors

5:00 PM – 6:00 PM
Networking Reception with Exhibitors

WEDNESDAY, APRIL 10

7:30 AM – 8:30 AM
Breakfast with Exhibitors

8:30 AM – 9:30 AM
Day Two Opening Remarks & Keynote Session

9:30 AM – 3:15 PM
Conference Programming

10:00 AM - 10:30 AM
Coffee with Exhibitors

12:00 PM – 1:45 PM
Lunch with Exhibitors

3:15 PM - 3:30 PM
End of Conference Closing Remarks

Registration and Housing

Registration is open now! ACMA members receive an exclusive member-only rate.

Registration includes:

- Full access to quality comprehensive programming;
- Networking opportunities with 150+ industry leaders;
- Table-top displays by exhibitors;
- Insights and the latest industry information from expert speakers;
- Two breakfasts, two lunches, and a welcome reception.

Early Registration (Before March 22, 2019)

Member:	\$850.00
Non-Member:	\$1,075.00
Oktoberfest @ Hofbrauchas Chicago:	\$65.00

Regular Rates (After March 22, 2019)

Member:	\$950.00
Non-Member:	\$1,225.00
Oktoberfest @ Hofbrauchas Chicago:	\$65.00

Reserve a Room

The Hyatt Rosemont is hosting the Pultrusion Conference. To make a reservation with our discounted rate of \$159+tax, please visit the Pultrusion website or call 1-888-421-1442 and mention "ACMA - North American Pultrusion Conference". The housing cutoff date is Monday, March 18, 2019. After this date, the Pultrusion Conference discounted rate is not guaranteed. A credit card is required at the time of booking to guarantee the room but will not be charged. Rooms can be canceled without penalty up to 72 hours prior to arrival.

Hyatt Rosemont

6350 N River Road
Rosemont, IL, 60018 USA
1-847-518-1234

Toll free reservation center:
1-888-421-1442



About Rosemont, IL (outside of Chicago, IL)

Rosemont is conveniently located 5 minutes from O'Hare International Airport. Chicago's downtown is 30 - 40 minutes away via car and 45 - 60 minutes away via train.

Have some free time?

Here are a few activities Chicago has to offer:

THE SKYDECK CHICAGO - enjoy a one-stop Chicago experience with spectacular views. Step outside the tallest building, the Ledge, a glass balcony extending four feet outside the 103rd floor of Willis Tower!

ORIGINAL ARCHITECTURE BOAT TOUR - navigate through the heart of the city on the Chicago River, learn about the story of more than 130 years of innovation in design, style and technique.

CHICAGO CUBS GAMES - calling all baseball fans the Chicago Cubs and Pittsburgh Pirates are playing during the conference. The home opener is on Monday April 8th, with more home games scheduled for April 10 - 14.

Register today at: acmanet.org/2019pultrusion

See What Attendees Had to Say About the 2017 North American Pultrusion Conference:

"The event exceeded my expectations. The papers were well selected and well delivered, the networking was fantastic, and the venue was tip-top!"

"Excellent networking and presentations."

"Excellent conference, looking forward to the next one."