



**EUROPEAN
PULTRUSION TECHNOLOGY
ASSOCIATION**

29 February-1 March 2024

**17th World
PULTRUSION
CONFERENCE**

Hamburg - Germany

EPTA EUROPEAN
PULTRUSION TECHNOLOGY
ASSOCIATION

in cooperation with

www.pultruders.com



Hotel Hafen Hamburg, Germany

Register Now >> [Online-Registration](#)

In cooperation with



EPTA SPONSOR MEMBERS



CONFERENCE SUPPORTED BY



CONNECTING THE WORLD
WITH COMPOSITES

CONFERENCE – DAY ONE – February 29th, 2024

08:45 – 09:00 Welcome

[Dr. Luigi Giamundo - EPTA]

Framework Conditions: Sustainability and Standardization

09:00 – 09:30 Sustainability of Composites: The EuCIA Perspective

[Eric Moussiaux – EuCIA and Exel Composites]

09:30 – 10:00 The Impact of the New ASCE/SEI 74 Design Standard for Structural Engineers

[John Busel – ACMA - American Composites Manufacturers Association]

Process Innovations: Thermoplastics

10:00 – 10:30 Thermoplastic Melt Pultrusion - Ideas Turn into Profiles

[Christoph Toppel - BWF Offermann, Waldenfels & Co. KG]

10:30 – 11:00 Hollow Wound GF Thermoplastic Tubes Produced in a Hybrid yarn Pultrusion Process

[Patrick Pasberg - Institut für Textiltechnik of RWTH Aachen University]

11:00 – 11:30 *Coffee Break*

11:30 – 12:00 A Use Case for Thermoplastic Pultrusions: Cost-effective, High-volume and Recyclable Design for Highly Loaded Components Using the Example of a Strut Brace

[Dr. Michael Janssen - Röchling Industrial SE & Co. KG and Michael Wilhelm - Fraunhofer ICT]

Innovative Applications: Automotive

12:00 – 12:30 CFRP Automotive Crash Absorbers - Replacing Aluminum for More Safety, Energy Efficiency & Design Space

[Gerret Kalkoffen - CarbonTT Carbon Truck & Trailer GmbH]

12:30 – 13:30 *Lunch Break*

13:30 – 14:00 Automotive Applications Featuring Pultrusion in Continuous Composite Systems™ (CCS™)

[Hank Richardson and Nuria Ignés – L&L Products]

Innovative Applications: Construction

14:00 – 14:30 Latest Developments in Pultrusions for the Wind Sector

[Julien Sellier – STRUCTeam Ltd.]

14:30 – 15:00 Legopole - Hybrid Lattice Pole

[Hasan Güner - Mitas Composites]

15:00 – 15:30 *Coffee Break*

Online Sensoring / Quality Testing

15:30 – 16:00 Carbon Fiber Reinforced Polyurethane Pultruded Laminates for Wind Applications
[Alp Sütçüler - DowAksa Advanced Composites]

16:00 – 16:30 Pultrusion Profiles at the Turning Point – Functional Integration as Sensor Parts to Extend the Efficacy and the Lifetime of Wind Turbines
[Claudia Drebenstedt - Fraunhofer Institute for Machine Tools and Forming Technology]

16:30 – 17:00 Inline Quality Assurance and Process Monitoring for Pultrusion - Capabilities, Prospects and Challenges
[Simon Boysen - Faserinstitut Bremen e. V.]

Recycling

17:00 – 17:30 From Wind to Sun, Pultrusion Provide Circular (Endless) Opportunities
[Anurag Bansal Bansal - Acciona]

17:30 – 18:00 Towards a Sustainable Future in Composites - How to Make Spar Caps and Wind Blades Recyclable
[Dr. Alexander Zoller – Arkema France]

from 20:00 Gala Dinner

CONFERENCE SPONSOR



CONFERENCE - DAY TWO – March 1st, 2024

Solutions for Sustainability

09:00 – 09:30 Sustainability at Work at Exel Composites

[Kim Sjö Dahl – Exel Composites]

09:30 – 10:00 Solutions for Sustainability – Recycling and Life Cycle Potential Analysis of Composites

[Thomas Wegman - AOC Nederland B.V., European Alliance for SMC BMC]

Raw Material Innovations

10:00 – 10:30 Additive Solutions for Non-Halogenated Flame Retardant Pultruded Profiles

[Mike Lucka - Lehmann&Voss&Co. KG]

10:30 – 11:00 Vacuum Assisted Multi-die Pultrusion of Thermoplastic Composites

[Prof. Louis Laberge Lebel - Polytechnique Montreal Mechanical Engineering]

11:00 – 11:30 *Coffee Break*

11:30 – 12:00 Optimization of Non-Reactive Pultrusion of Thermoplastic Composites Using a Variety of Matrices

[Jacob Clark - University of Maine Advanced Structures and Composite Center]

Process Innovations

12:00 – 12:30 Pultruded Profiles with Improved Surface Properties

[Ernesto Silva - Avient - Glasforms]

12:30 – 13:00 Towards Digital Process Optimisation of Closed Injection Pultrusion

[Nik Poppe - Karlsruhe Institute of Technology (KIT), Institute of Vehicle System Technology, Division Lightweight Design]

13:00 – 14:00 *Lunch Break*

14:00 – 14:30 Connection of Two (Material) Worlds in One Profile - New Design Methods and Expansion of Pultrusion Applications

[David Wagner - Fraunhofer Institute for Machine Tools and Forming Technology]

14:30 – 15:00 Innovative Solutions for the Functionalisation of Pultrusion Profiles

[Tom Dziewiencki - Dresden University of Technology, Institute of Lightweight Engineering and Polymer Technology]

15:00 – 15:30 Novel UV-Pultrusion Process for Industrial-scale Production of Automobile Components

[Sathis Kumar Selvarayan and Prof. Dr. Markus Milwich – DITF Denkendorf]

15:30 *End of the Conference*

JEC WORLD

2024 The Leading International Composites Show

March 5-7, 2024 | PARIS-NORD
VILLEPINTE

The 17th World Pultrusion Conference is held in the week preceding the JEC World 2024, held on March 5-7, 2024.

All members of the EPTA get free access to the JEC World 2024.

Our Service to Ensure your Success

Sponsoring

For the World Pultrusion Conference we can offer you some special sponsor possibilities. Use this very good opportunity to present your company to a professional audience. If you are interested, please contact:

EPTA

c/o AVK-TV GmbH

Dr. Elmar Witten

Am Hauptbahnhof 12

60329 Frankfurt am Main

GERMANY

Tel: (49) 69-27 10 77 - 0

Fax: (49) 69-27 10 77 - 10

info@pultruders.com

www.pultruders.com

Registration information

Participation fees (excl. of VAT):

- **EPTA members & ACMA members: EUR 1.095,-**
[plus, the value added tax (VAT) at the statutory rate applicable at the time (currently 19%) in Germany - Final price including 19% VAT EUR 1.303,05]
- **Non members: EUR 1.295,-**
[plus, the value added tax (VAT) at the statutory rate applicable at the time (currently 19%) in Germany - Final price including 19% VAT EUR 1.541,05]

Progressive rates for more than 1 company participants:

50% discount for the 2nd, 3rd, 4th etc. participant.

ORGANISATION

The attendance fee includes Conference documentation, lunch, drinks during breaks and dinner.

Please note: The overnight stay at the hotel is not included. Please book your hotel room **as soon as possible**. Please follow the link for booking directly at the **Hotel Hafen Hamburg – Link to the reservation: [Hotel Hafen Hamburg \(onepagebooking.com\)](https://onepagebooking.com)**

Conference Hotel:

Hotel Hafen Hamburg
Seewartenstraße 9
20459 Hamburg

Tel: +49 40 311 130

The rates for the rooms are (breakfast not included):

Single room: EUR 160,- (plus VAT)
Double room: EUR 180,- (plus VAT)

The Conference venue:

The traditional hotel above the jetties in the quarter of St. Pauli has inspired visitors with its maritime flair and unique view of the harbour and the river Elbe for over 40 years. Its 380 rooms – furnished either in a classically Hanseatic fashion or in a modern and elegant style – offer maximum comfort and all amenities of a four-star hotel.

The family-run private hotel is looking back upon a diverse history. It first served as a sailors' hostel in the 19th century and later, among others, as a navy training location. Even now, the classicist building is a treasure trove of Hanseatic sailors' history. You can view many old collector's items throughout the building and immerse yourself in the history of Hamburg and seafaring. The hotel's gastronomy offer is brimming with North German charisma. Enjoy Hamburg classics in the Restaurant Port in front of the backdrop of the harbour or treat yourself to a cool beer in the true sailors' ambience in Willi's Bierstube.

Cancellations:

With cancellation up to 2 weeks (until 15th February 2024) before the conference takes place 50% of the participant fee will be charged. After this date we will have to charge the full participation fee. It is possible to nominate a substitute.

If the organizer cancels the event, e. g. due to the Corona situation, the participation fee will be refunded.



The common aim and mission

The European Pultrusion Technology Association (EPTA) is an association formed in 1989 by the leading FRC (Fiber Reinforced Composites) Pultruders in Europe and is open for membership to all companies and organizations, wishing to participate in promoting the responsible use of Fiber Reinforced Composite Materials, and in the exchange of knowledge between members.

EPTA's mission is to support the growth of the composite profiles industry by maximising external communication efforts and having an actively contributing membership.

Membership

Membership of EPTA is open to all companies and individuals worldwide, without restriction. However, it is mandatory for European Pultruders and Pultrusion Equipment Manufacturers to become FULL Members.

FULL Membership

is aimed at all companies worldwide directly involved in Pultrusion.

ASSOCIATED Membership

is aimed at research companies, end-users, universities and at the Pultrusion Industry allied businesses.

SPONSOR Membership

is aimed at raw material suppliers who wish to see the pultrusion industry flourish and expand.

For further information please contact: Association Secretariat

EPTA

Contact: Dr. Elmar Witten

c/o AVK-TV GmbH

Am Hauptbahnhof 12
60329 Frankfurt am Main
GERMANY
Tel: +49 69 271077-0
Fax: +49 69 271077-10

info@pultruders.com

www.pultruders.com, www.avk-tv.de