

EPTA EUROPEAN PULTRUSION TECHNOLOGY ASSOCIATION



EPTA EUROPEAN
PULTRUSION TECHNOLOGY
ASSOCIATION
in cooperation with:
ACMA
AMERICAN COMPOSITES MANUFACTURERS ASSOCIATION

16th World Pultrusion Conference
Paris, France 3-4 March 2022

Renaissance Paris La Défense, France

Register Now >> Online Registration

In cooperation with



EPTA SPONSOR MEMBERS



CONFERENCE SUPPORTED BY



JEC WORLD
2022 The Leading International
Composites Show
March 8-10, 2022 | PARIS-NORD
VILLEPINTE

March, 2nd 2022 from 20:00 - Welcome-Get-Together – Hotel

CONFERENCE – DAY ONE – March, 3rd 2022

09:00 – 09:10 Welcome

[Dr. Luigi Giamundo, EPTA President]

Market Overview & Developments

09:10 – 09:30 Composites and Pultrusion Market Development in Europe

[Dr. Elmar Witten, EPTA]

09:30 – 10:00 Update: Market and Standards in the US

[Dan Coughlin, ACMA]

10:00 – 10:30 pr CEN TS 19101 Design of Fibre-Polymer Composite Structures

[Eric Moussiaux, Exel Composites]

Building & Infrastructure: Innovative Applications

10:30 – 11:00 The Future of Construction - New BENDABLE COMPOSITE Rebars

[Dr. Alexander Zoller, Arkema]

11:00 – 11:30 Coffee Break

11:30 – 12:00 Development of a GFRP Composite Cross Arm for Power Transmission Towers

[Can Kurt, Mitaş Composites]

12:00 – 12:30 Helix Pultrusion - Efficient Manufacturing Process for Reinforcing Bars with Surface Topology

[Daniel Wohlfahrt, TU Dresden, Institute of Lightweight Engineering and Polymer Technology]

12:30 – 13:30 Lunch Break

Raw Material Developments

13:30 – 14:00 The development of novel epoxy systems for highly productive pultrusion processes

[Lars Friedrich, Olin Epoxy]

14:00 – 14:30 How Pultruders Can Grow and Thrive in an Uncertain Market

[Zakariya Boufaïda, Peter Heylen, Owens Corning]

14:30 – 15:00 **Novel urethane-acrylate pultrusion resin system for high line-speed applications and introduction of a new methodology for predicting total project cost**
[Dr. Greg Lipoczi, Scott Bader]

15:00 – 15:30 *Coffeebreak*

Machine & Process Innovations

15:30 – 16:00 **Enabling new applications for pultruded profiles by processing local and tailored fibre-reinforcements for improved strength and safety of bolted joints**
[Christoph Heimbucher, Faserinstitut Bremen e.V. (FIBRE)]

16:00 – 16:30 **In-situ-pultrusion of ϵ -caprolactam with glass- and carbon-fibers, producing profiles based on PA6 (thermoplastic)**
[Michael Wilhelm, Fraunhofer ICT]

16:30 – 17:00 **Pultrusion based production process for glass-fibre reinforced photocure towpregs**
[Jonathan von Helden, Fraunhofer IPT]

Simulation / Calculation

17:00 – 17:30 **Looking Inside the Box - Simulation and Validation of the Injection Pultrusion**
[Elisa Ruth Bader, Fraunhofer IWU]

17:30 – 18:00 **Determination of Real Life Aging on Construction Products Made of GFRP**
[Jörg Finnberg, IMA Materialforschung und Anwendungstechnik GmbH]

18:00 – 18:30 **PultruSim: A New and Efficient Simulation Software for Pultrusion Processes**
[Dr. Ismet Baran, University of Twente]

18:30 *EPTA – Members Meeting*

from 20:00 **Gala Dinner**

CONFERENCE - DAY TWO – March, 4th 2022

Transport: Innovative Applications

- 09:00 – 09:30** **Advancements in Polyurethane Pultrusion for Automotive Applications**
[Dr. Elias Shakour, Bert Neuhaus, BASF]
- 09:30 – 10:00** **Innovative Products: Lightweight Battery Cover & Lightweight Chassis (Mercedes Benz)**
[Gerret Kalkoffen, Carbon Truck & Trailer GmbH]
- 10:00 – 10:30** **INTELLICONT-Intelligent Smartcontainer**
[Anurag Bansal, Acciona]
- 10:30 – 11:00** *Coffee Break*

Machine & Process Innovations

- 11:00 – 11:30** **Continuous Manufacturing of Hybrid Fibre Reinforced Thermoplastic Profiles with a Thermoplastic Top Layer**
[Niklas Lorenz, Institute for Plastics Processing at RWTH Aachen University]
- 11:30 – 12:00** **Development of an Induction-Based Impregnation System for the Continuous Production of Thick-Walled Wound Carbon Fibre-Reinforced Thermoplastic Tubes**
[Dominik Granich, ITA Institut für Textiltechnik of RWTH Aachen University]
- 12:00 – 12:30** **New Technology Capability Through Surface Enhancement to Improve Pultrusion Production Material Flow in Tooling by Up to 20%**
[Dave Bell, Phygen Coatings, Inc.]

Wind Sector: Innovative Applications

- 12:30 – 13:00** **Pultrusion: An Answer to Design & Build Better Wind Blades**
[Jens Boelke, Owens Corning]
- 13:00 – 14:00** *Lunch Break*
- 14:00 – 14:30** **Advances in Pultrusions for the Wind Sector**
[Julien Sellier, StrucTeam Ltd.]

Sustainability & Recycling Solutions

14:30 – 15:00 Pultrusion Process for Sustainable Bio-Based Epoxy and Natural Fiber Composites

[Martin-Uwe Witt, DITF German Institutes for Textile and Fiber Research Denkendorf]

15:00 – 15:30 Recycling of CFRP - an Approach from a Technical, Ecological and Economic Perspective

[Kerstin Angerer, Fraunhofer IGCV]

15:30 – 16:00 *Coffee Break*

16:00 – 16:30 Recycling of Composites: The Cement Kiln Route

[Ben Drogt, EuCIA]

16:30 – 17:00 Keen to be Green – Working Together as Composites Industry

[Thomas Wegman, AOC]

17:00 *End of the Conference*

JEC WORLD

2022 The Leading International Composites Show

March 8-10, 2022 | PARIS-NORD
VILLEPINTE

The 16th World Pultrusion Conference is held in the week preceding the JEC World 2022, held on March 8-10, 2022

All members of the EPTA get free access to the JEC World 2022.

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

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Tel: (49) 69-27 10 77 - 13

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

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Registration information

Participation fees (excl. of VAT):

- **EPTA members & ACMA members: EUR 995,-**
[plus the value added tax (VAT) at the statutory rate applicable at the time (currently 20%) in France]
- **Non members: EUR 1.195,-**
[plus the value added tax (VAT) at the statutory rate applicable at the time (currently 20%) in France]

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 **Renaissance Paris La Défense – Link to the reservation:** <https://www.marriott.com/event-reservations/reservation-link.mi?id=1637248791837&key=GRP&app=resvlink>

Conference Hotel:

Renaissance Paris La Défense Tel: +33 141 975 050
60, Cour Valmy
92918 Paris La Défense, France

The rates for the rooms are (breakfast included):

Single room: EUR 189,- (incl. VAT + 2,75 EUR City tax per day and per person)

Please note: Cancellation of the hotel rooms is free of charge until January, 16th, 2022.

The Conference venue:

Located in the heart of modern Paris, The Renaissance Paris La Defense offers you a unique stay where urban architecture meets iconic monuments. Ideally situated near Palais des Congres, along the historical axis Place de l'Etoile-Grande Arche, our hotel provides guests with convenient access to iconic attractions and the direct public transportation hub. Learn more [here](#).

Cancellations of the Conference participation:

With cancellation up to 2 weeks (until 16th February 2022) 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.

Cancellation by the organizer:

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

Registration form

Online-Registration

Mail: info@pultruders.com

or Fax: +49 69 27 10 77-10

- I will attend the 16th World Pultrusion Conference.
The presentation language will be English.

Surname, First name _____

Company _____

Division _____

Street _____

Postal code, City _____

Phone, Fax no. _____

E-mail _____

Date, signature _____

VAT-Nr. _____

Organizer:

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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

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