

20<sup>th</sup>  
Anniversary

# Cables

## 2020

*The international conference and exhibition for  
polymeric materials in wire and cable*

**3 - 5 March 2020**  
**Crowne Plaza, Düsseldorf, Germany**



**SPECIAL  
OFFER**

Save **€200** when  
you register before  
13th December  
2019

Headline Sponsor



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Bringing the plastics industry together.



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# Cables 2020

The 20th edition of AMI's international wire and cable conference will take place on 3 - 5 March 2020 at the Crowne Plaza in Düsseldorf, Germany.

Recognised for many years as one of the leading international cable conference, Cables celebrates its 20th Anniversary this year.

The latest information on new materials, testing procedures, regulatory requirements, cable manufacturing processes and end-use applications are discussed to reflect on the rapidly changing business environment in which cable producers, their suppliers and customers operate.

Therefore, it is important for all players in this demanding market segment to be aware about the latest developments in markets, materials, processes, testing & regulation and to discover new business opportunities.

The conference regularly attracts over 250 international delegates and is complemented by an interactive exhibition.

The two-day programme presents topics from the whole wire and cable supply chain, covering news from material developments to end-use applications.

Whatever your participation in the cables industry, either as a cable producer, end-user, specifier, consultant, raw material supplier, compounder, equipment manufacturer or an industry association, this event provides you with a great opportunity to meet professionals from around the world, all in one place.

*A well-organised technical show with nice networking opportunities, which has a great potential to become the reference in Europe for the Wire and Cable industry*

Market Management Director,  
NANOXPLORE INC.

## Headline Sponsor



HUBER | MARTINSWERK

Huber is a global leader in the production of fine precipitated alumina trihydrate and magnesium hydroxide, both non-halogenated fire retardants. Its FRA business unit has four manufacturing sites in North America and two in Europe. The Martinswerk products marketed under name MARTINAL and MAGNIFIN have become part of the Fire Retardant Additive (FRA) Strategic Business Unit (SBU) of Huber Engineered Materials.

Huber has been a trusted supplier of halogen-free fire retardants and smoke suppressants manufacturing a large portfolio of value-added Hydral®, Hymod®, Martinal® and Micral® alumina trihydrates; Magnifin®, Vertex® and Zerogen® magnesium hydroxides; and Kemgard® molybdate compounds for a variety of end-use applications, including reinforced polyester molding and pultrusion, engineering thermoplastics, roofing, silicone rubber, wire and cable, coatings and carpet backing. More than 40 different grades are available and backed by experienced technical service expertise.

## Five good reasons to attend:

- Discover the latest information on new developments in the cables industry from the whole wire and cable supply chain
- Identify new opportunities from the face to face discussions with key players in this market segment - stay competitive in a rapidly changing global market
- Network with professional speakers and senior-level delegates to find out about the latest material, technology and business trends - all in one place
- Broaden your wire and cables knowledge at this yearly event to become a competent partner in this industry
- Understand your company performance compared to other leading players in this industry

## Ways to get involved:

### ATTEND

Register before 13th December 2019 and pay €1140\* saving €200 on the full price of €1340\*. There are additional discounts for group bookings. The registration fee includes attendance at all conference sessions, the Networking Cocktail Reception, lunch and refreshment breaks on both days and a set of conference proceedings.

### SPONSOR

A variety of sponsorship opportunities are available at this conference to help promote your company's products and services to this highly targeted international audience. Contact the Conference Hotline for further information.

### EXHIBIT

Make it easy to engage with the audience at this busy event with your own highly visible exhibition space. Bring your own display stand and / or banners and use the space to showcase your company's products and services and make a lasting impact. The exhibition runs throughout the conference by the main meeting room and is host to the networking functions.

**Space is limited so to avoid disappointment please register for this service as soon as possible.**

\*VAT may apply

## CONFERENCE HOTLINE

Contact: Camille Lemerrier, Conference Organiser  
Tel: +44 (0) 117 314 8111  
Email: [camille.lemerrier@ami.international](mailto:camille.lemerrier@ami.international)

**SAVE €200**

Register before  
13th December  
2019

### Tuesday 3rd March 2020

17:00-19:30 Registration  
18:00-19:30 Networking Cocktail Reception

### Wednesday 4th March 2020

08:00 Registration and welcome coffee  
09:00 Opening announcements

#### SESSION 1 - MARKET INFORMATION

CHAIR: Ms. Cristina de Santos, Unit Manager - Energy and Infrastructure, AMI CONSULTING, United Kingdom

09:10 **Insights into the European cable market from a global perspective**  
CHAIR: Ms. Cristina de Santos, Unit Manager - Energy & Infrastructure, AMI CONSULTING, United Kingdom

09:40 **Innovation drivers for the future of energy and telecommunications**  
Dr. Richard van Delden, Product Development and Innovation Manager, Prysmian North Europe, PRYSMIAN, Netherlands

10:10 **Plasticiser selection strategy for wire and cables**  
Mr. Didier Naert, Global Plasticiser Technical Advisor, EXXONMOBIL CHEMICAL EUROPE, Belgium

10:40 Coffee break sponsored by: 

#### SESSION 2 - TRENDS & DRIVERS FOR ENHANCED CABLE PERFORMANCE

CHAIR: Dr. Günter Beyer, CEO - Consultant, FIRE & POLYMER, Belgium

11:20 **Responding to bandwidth demands utilising ultra-high density fibre optic cable networks**  
Mr. Michael Heinz, Materials Development Engineer, CORNING OPTICAL COMMUNICATIONS, Germany

11:50 **Overview on thermoplastic insulation systems for power cable insulation based on polypropylene**  
Mr. Pasi Raikisto, CEO, HV CABLE SOLUTIONS OY, Finland

12:20 **A cable makers' guide to the CPR - low fire-hazard cables improve fire safety**  
Mrs. Esther Hild, Legal Advisor (CCI), Senior Expert Environment, CPR, ICT, ZVEI GERMAN CABLE MAKERS ASSOCIATION, Germany

12:50 Lunch


#### SESSION 3 - GROWING DEMAND IN CABLE MATERIAL SOLUTIONS FOR ADVANCED FIRE SAFETY

CHAIR: Mr. Gerd Allermann, Senior Consultant, AMI CONSULTING, United Kingdom

14:20 **Synergistic effect of aluminium hydroxide and montmorillonite in flame retarded EVA materials**  
Ms. Dinghua Li, Associate Professor, Director of Flame Retardancy Center, School of Material Science and Engineering, BEIJING INSTITUTE OF TECHNOLOGY, China

14:50 **Low smoke PVC: new opportunities for milled ATH**  
Dr. Diego Tirelli, R&D Manager, NUOVA SIMA S.r.l., Italy

15:20 **Halloysite - a new flame retardant additive for cable compounds**  
Dr. Günter Beyer, CEO - Consultant, FIRE & POLYMER, Belgium

15:50 Coffee break sponsored by: 

#### SESSION 4 - HIGH PERFORMANCE SPECIALTIES FOR CABLE APPLICATIONS

CHAIR: Mr. Gerd Allermann, Senior Consultant, AMI CONSULTING, United Kingdom

16:30 **New halogen-free flame retardant solutions by TPU**  
Mr. Fabio Morelli, Sr. New Business Development Manager EMEA, Lubrizol Engineered Polymers, LUBRIZOL ADVANCED MATERIALS, Spain

17:00 **High performance materials for the cable industry**  
Mr. Frank Zelder, Senior Business Manager, EVONIK RESOURCE EFFICIENCY GmbH, Germany

17:30 **Crosslinking peroxides for silicone rubber cables**  
Mr. Leo Nijhof, Technical Development Manager - Crosslinking Peroxides, NOURYON, Netherlands

18:00 **Leaping the hurdles on the road to innovation - conductivity in fluoropolymers**  
Mrs. Maryline Desseix, Global Technology Manager, Colorant Chromatics Group, POLYONE, Belgium

20:00 Conference Dinner

### Thursday 5th March 2020

08:30 Welcome coffee sponsored by:  
09:00 Opening announcements



#### SESSION 5 - ADVANCED TECHNOLOGIES IN CABLE & COMPOUND PRODUCTION

CHAIR: Mr. Gerd Allermann, Senior Consultant, AMI CONSULTING, United Kingdom

09:10 **Innovative extrusion technology for cable compounds - low material temperatures and perfect homogenization enable new product solutions**  
Mr. Andreas Holt, Senior Business Consultant, THEYSOHN EXTRUSIONSTECHNIK GmbH, Germany

09:40 **Ultraviolet crosslinking; an alternative to crosslinking of PE and HFFR compounds**  
Mr. Maurice Alphonso, Technical Director, PLEXCHEM TECHNOLOGIES, Singapore

10:10 **New road to AC/DC cable compounds for MV to EHV applications: the future of XLPE production**  
Dr. Francois Loviat, Head of Process Technology and Test Centre, BUSS AG, Switzerland

10:40 Coffee break sponsored by: 

#### SESSION 6 - RESEARCH & TESTING OF POLYMERIC CABLE MATERIALS

CHAIR: Dr. Günter Beyer, CEO - Consultant, FIRE & POLYMER, Belgium

11:20 **Energy consumption and CO2 emission associated with the life cycle of PVC, XLPE and PE low voltage electrical cables. Update 2019**  
Dr. Jose M. Baldasano, Professor of Environmental Engineering, TECHNICAL UNIVERSITY OF CATALONIA (UPC), Spain

11:50 **PVC cables and smoke acidity: a review comparing performances of old and new compounds**  
Mr. Gianluca Sarti, PVC Forum Italia, PVC4Cables, Compound Group Representative, PVC FORUM ITALIA, Italy

12:20 **Cable ageing management programme in nuclear power plants**  
Dr. Vit Pláček, Head of Radiation Chemistry and Environmental Qualification Department, UJV REZ, A.S., Czech Republic

12:50 Lunch

#### SESSION 7 - ADVANCED CABLE MANUFACTURING SOLUTIONS - MATERIALS & PROCESSES

CHAIR: Ms. Cristina de Santos, Unit Manager -Energy and Infrastructure, AMI CONSULTING, United Kingdom

14:20 **Micro masterbatches: improved dilution & cable extrusion processes**  
Mr. Manel Miret, Area Manager, Mr. Eric Xirinachs, General Manager Deltacolor Masterbatch Division, DELTA TÉCNIC, Spain

14:50 **Polymer taggants - a unique and cost-efficient marking technology for cable jackets**  
Mr. Markus F. Kemmler, Managing Director, KEMMLER CONSULTING GmbH, Germany

15:20 **Processing halogen free flame retardants on co-rotating twin screw extruders**  
Mr. Christopher Helms, Group Head of Technical Lab, LEISTRITZ EXTRUSIONSTECHNIK GmbH, Germany

15:50 **Various measuring solutions during the cable production to enhance the quality of the product as well as the material savings**  
Mr. Mauro Consonni, Sales Director, ZUMBACH ELECTRONIC AG, Switzerland

16:20 Coffee break and Conference ends

Conference signage sponsored by:



Conference bag sponsored by:



Conference agenda sponsored by:



Conference on-stage prize draw:



AMI reserves the right to alter the programme without notice. The latest programme, including any new speakers, changes to the schedule, and any amendments to pricing and terms and conditions can be viewed on our website: [www.ami.international](http://www.ami.international)

# REGISTRATION FORM

Register online

PLEASE COMPLETE IN BLOCK CAPITALS

Company: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Country: \_\_\_\_\_  
Tel: \_\_\_\_\_ Fax: \_\_\_\_\_  
VAT no.: \_\_\_\_\_  
(Must be completed by all EU Companies)  
Company activity: \_\_\_\_\_  
Purchase order no. (if applicable): \_\_\_\_\_  
Invoice address (if different from above): \_\_\_\_\_  
\_\_\_\_\_

## DELEGATE/EXHIBITOR DETAILS

Title: Mr/Mrs/Dr/Other: \_\_\_\_\_  
First name: \_\_\_\_\_  
Surname: \_\_\_\_\_  
Position: \_\_\_\_\_  
Email: \_\_\_\_\_  
Special dietary requirements: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please confirm that you agree to your name being published alongside your company name and job title on the delegate list.

Yes  No

By registering for this event (please tick these boxes);

I agree to AMI's Privacy Policy ([www.ami.international/about/legal](http://www.ami.international/about/legal))  
 I agree to AMI's Terms & Conditions ([www.ami.international/about/tac](http://www.ami.international/about/tac))

## PARTICIPATION

	Price	VAT	Total
<input type="checkbox"/> Early Booking Delegate Admission Fee <sup>1</sup> : (until 13th December 2019)	€1,140.00	19%	€1,356.60
<input type="checkbox"/> Delegate Admission Fee <sup>1</sup> : (from 14th December 2019)	€1,340.00	19%	€1,594.60
<input type="checkbox"/> Networking Dinner: (German Companies) <sup>2</sup>	€95.00	0%	€95.00
<input type="checkbox"/> Networking Dinner: (Non-German Companies) <sup>1</sup>	€95.00	19%	€113.05
<input type="checkbox"/> Exhibition Space: (UK Companies) <sup>3</sup>	€2,575.00	20%	€3,090.00
<input type="checkbox"/> Exhibition Space: (Non-UK Companies) <sup>4</sup>	€2,575.00	0%	€2,575.00
<b>Total:</b>			_____

<sup>1</sup> Subject to German VAT at 19%. <sup>2</sup> Reverse Charge. <sup>3</sup> Subject to UK VAT at 20%. <sup>4</sup> Reverse Charge for companies from other EU countries, 0% for Non-EU companies.

## METHOD OF PAYMENT

You will be sent an invoice in 7-14 working days.

**Pay by credit card by registering online:**

We accept: Visa / Mastercard  
Alternatively, please provide your contact details and we will send you a link to a secure payment gateway via email.  
Name: \_\_\_\_\_  
Email: \_\_\_\_\_

**Bank transfer quoting:** 'Your invoice and A/C No.'

To: National Westminster Bank Plc.  
Thornbury Branch, 16 the Plain, Thornbury, Bristol, BS99 5HD  
Account number: 06814077 Bank no. 556138  
IBAN: GB63 NWBK 6072 0306 8140 77 SWIFT: NWBKGB2L

# CABLES 2020

## CONFERENCE INFORMATION

3 - 5 March 2020  
Crowne Plaza Düsseldorf - Neuss  
Rheinallee 1,  
41460 Neuss  
Germany  
Tel: +49 2131 77 00

## HOTEL ACCOMMODATION

Delegates are responsible for booking their own accommodation. We have negotiated a room rate of €139 for a single room and €159 for a double (tax, breakfast and Wi-Fi included) at the Crowne Plaza Düsseldorf - Neuss in Düsseldorf until 3rd February 2020.

Please make your reservation using the direct hyperlink which can be found on our website [www.ami.international/events](http://www.ami.international/events) (click on 'Cables 2020' followed by Accommodation)

## PARTICIPATION OPPORTUNITIES

**Delegate registration:** includes attendance at all conference sessions, a set of conference proceedings, entrance into the Networking Cocktail Reception, lunch and coffee breaks.

**Sponsor this event:** maximise your company profile before, during and after the event by becoming a sponsor. For further information, please contact the Conference Organiser

**Exhibition space:** an excellent way to enhance your business opportunities and make it easy for delegates to find you! Includes:

- entry for one representative from your company
- one exhibition space in the networking area
- your company profile in the conference proceedings
- new and existing product display
- handing out brochures and promotional items from your stand

Spaces are allocated on a first-come-first-served basis and sell quickly.

**Group discounts:** when registering as a group you may be entitled to discounts. Contact the Conference Organiser for more information.

### Networking Cocktail Reception

A networking cocktail reception will be held on the first evening. This offers an excellent opportunity for delegates to meet with speakers and other colleagues. All delegates are invited to attend and admission is included in the delegate fee.

### Networking Dinner

All delegates are invited to attend the networking dinner, which will take place at a local restaurant on the evening of 4th March 2020.

## CANCELLATIONS

Full refunds, less a cancellation charge of €300 will be made on cancellations received prior to 7th January 2020. Thereafter we regret that no refunds can be made. Delegates may be substituted at any time. Please note that refunds will not be given on exhibition spaces, sponsorship packages or Networking dinner places.

## CONFERENCE HOTLINE

### CAMILLE LEMERCIER, CONFERENCE ORGANISER

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