A large, complex market

In 2018, more than 32 million metric tonnes of thermoplastic polymers were processed by blow moulding. They were converted into bottles, jars, jerricans, plastic drums, IBCs, toys, automotive fuel tanks, various other containers and technical parts – worth a total of circa $680 billion. Spread across the globe, blow moulding is a sophisticated industry, utilising complex technical and commercial processes. It benefits from continuous innovation in materials, machinery, process and product design. It utilises a plethora of channels to market and provides solutions to the complex requirements of a demanding set of customers.

Blow-moulding is the process of choice for mass-manufacturing hollow plastic products. These products range in size from 2 millilitre ampules to 1,500 litre intermediate bulk containers.

Blow moulded plastic products can be found everywhere: not just in supermarkets, but in hospitals, cars, appliances, in industrial and agricultural packaging, even in construction and infrastructure. They provide affordable, sustainable hygienic protection and extend the shelf life of our food and beverages; they are essential in the secure transportation, storage and usage of household chemicals, as well as of cosmetic and pharmaceutical products; they offer inexpensive, environmentally-friendly and safe ways to supply and store industrial liquids and powders – and so on. It is impossible to imagine modern life without them.

An innovative, dynamic industry

Few outsiders realise how complex this industry is. It utilises many various types of thermoplastic resins, often in the same product, in multi-material, multi-layer structures. These include PET, PEN, high, medium and low density polyethylenes, PVC, polypropylene, EVOH, polycarbonate, styrenics, polyamides, bioplastics, etc.

There are three main families of blow moulding processes, each further branching into a number of variations: extrusion blow moulding, injection blow moulding and injection stretch blow moulding.

This is an industry that constantly develops and innovates. There are advances in additives, raw materials, design, machinery and process, testing and quality assurance. Further innovation occurs in response to new market needs and even more exciting customer requirements. Many of these innovations, for instance, provide solutions to the search for improved packaging sustainability; others address the needs of the customer industries: faster filling, longer product shelf life, safer, stronger and more attractive packaging.

A captivating conference

This complex, sophisticated global industry deserves a dedicated event. Blow Moulding 2019 will bring together in an ideal setting the entire supply chain: brand owners, retailers, packaging companies, blow-moulders, preform manufacturers, suppliers of ancillary components such as labels, caps and closures, handles and grips, machinery manufacturers, raw material and additive suppliers, product and mould designers, testing, certification and research institutes.

The two-day technical programme features presentations delivered not just by blow-moulders, but by representatives of brand owners and other supply chain participants. This will enable attendees to gauge market trends and learn about the latest developments in this industry.

Why should I attend?

1. Because your customers/potential customers, suppliers and competitors will be there. Should you attend and network with them, or leave them to network without you?

2. Where else can you get an update about trends & developments in this industry – in just 2 days?

3. This is the only international conference dedicated to this sector. If you are part of this supply chain, how can you miss it?

Feedback from previous editions

"I didn't have the chance yesterday to thank you for this very well organised and relevant conference. I hope to see you next year."

"Thanks a lot for the nicely organized and interesting Blow Moulding Congress 2017!"

"Thank you very much for organizing this successful event. Very nice location, very welcoming team, and interesting presentations. I will recommend you in the future."

The organisers

Blow Moulding 2019 is organised by NORTAL, a business consultancy specialising in the polymers & plastics industry. The conference will be chaired by Mr. Noru Tsalic. A polymers and plastics industry professional with broad expertise and more than 25 years experience, Mr. Tsalic has successfully developed and chaired numerous similar events.

Contact us

31 Wellsfield, Bushey WD23 2NU, United Kingdom
+44 1923 251 949
sg@blow-moulding.events
## Blow Moulding 2019: conference programme

### MONDAY 24 JUNE 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>17:30 – 19:30</td>
<td>Registration</td>
</tr>
<tr>
<td>18:00 – 19:30</td>
<td>Networking Cocktail Reception</td>
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### TUESDAY 25 JUNE 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08:00 – 09:00</td>
<td>Registration, welcome coffee</td>
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<tr>
<td>09:00 – 09:10</td>
<td>Opening announcements</td>
</tr>
</tbody>
</table>

### Market Review

- **09:10** Keynote presentation: Recycler's voice
  - **10:10** Keynote presentation: Voice of the customer
  - **10:40 – 11:10** Coffee break

### Session 1: Trends in Stretch Blow Moulding

- **11:10** Innovative technologies combining premiumisation, revenue generation and packaging performance
  - **José Andre**, Technical Sales Manager, SIDEL GmbH

### Session 2: Innovation in process & technology

- **14:00** 3D printing - possibilities for the blow moulding industry
  - Rainer Brehm, Owner, vi2parts

- **15:00** Industry 4.0 for the Blow Moulding sector
  - **Antonio Ortega Suárez**, General Director, AND & OR

### Session 3: Trends in Extrusion Blow Moulding

- **11:10** Extrusion Blow Moulding: sustainability, profitability, unique applications and markets
  - **Andreas Kandt**, Business Development Manager, W. MÜLLER GmbH Blow Molding Technology

### Session 4: Recycling, sustainability, circularity

- **14:00** Circular Economy – a trigger for innovation: latest technology for bottle to bottle recycling
  - **Clemens Kitzberger**, Head of Consumer, HERIOT WATT UNIVERSITY

### Keynote presentation: Evidence, not speculation

- **15:00** Plastics in the environment: issues, speculation and evidence
  - **Prof. Theodore B. Henry**, Centre for Marine Biodiversity, University of Portsmouth

### Keynote presentation: The brand owner's voice

- **17:00** Materials selection for brand owners – a positive perspective on plastics
  - **William Connolly**, Head of Packaging R & D, BRITVIC Plc

### WEDNESDAY 26 JUNE 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08:30 – 09:00</td>
<td>Registration, welcome coffee</td>
</tr>
<tr>
<td>09:00 – 09:10</td>
<td>Opening announcements</td>
</tr>
</tbody>
</table>

### Keynote presentations: Consumer's voice

- **09:10** Sustainable plastic packaging: a leading retailer’s targets and strategies
  - **Bertrand Swiderski**, Sustainability Director, CARREFOUR

- **09:40** Packaging and sustainability: a retailer's view
  - **Paul Earnshaw**, Packaging Manager, TESCO plc

### Keynote presentation: Recycler's voice

- **10:10** How 'Recyclable' can become 'Designed for Circularity'
  - **Vincent Mooij**, Head of SUEZ.circpack, SUEZ

### Session 3: Trends in Extrusion Blow Moulding

- **11:10** Extrusion Blow Moulding: sustainability, profitability, unique applications and markets
  - **Andreas Kandt**, Business Development Manager, W. MÜLLER GmbH Blow Molding Technology

### Keynote presentation: Evidence, not speculation

- **15:00** Plastics in the environment: issues, speculation and evidence
  - **Prof. Theodore B. Henry**, Centre for Marine Biodiversity, HERIOT WATT UNIVERSITY

- **15:30 – 15:35** Chair’s Prize for Best Question(s)

- **15:45 – 16:15** Farewell coffee, Conference ends

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The conference organisers reserve the right to alter the programme without prior notice. The latest version of the programme can be viewed on the conference website <www.blow-moulding.events>.
Please complete the Registration Form and send it to sg@blow-moulding.events. Alternatively, please register online at www.blow-moulding.events/register/. Thank you!

### Registration Details

Please complete in block letters.

| Company: ________________________________________________________________ |
| Address: ________________________________________________________________ |
| Post code: ___________________ Country ________________________________ |
| VAT # (only EU companies): ___________________________________________ |

| Delegate title: ___________________ First Name: ____________________________ |
| Last name: ______________________ |
| Job title: ________________________ |
| E-mail: __________________________ |
| Telephone: ________________________ |
| Mobile: __________________________ |
| Dietary/Other special requirements: ______________________________________ |

### Payment Options

Please tick one of the options below.

- By bank transfer (bank details will be e-mailed)
- By credit card (link for secure payment will be e-mailed)

### Practical Information

**When:** 24-26 June 2019  
24 June: Cocktail Reception 18:00  
25 June: Programme 09:00-17:30  
26 June: Programme 09:00-16:15

**Where:** HILTON COLOGNE  
Marzellenstrasse 13-17  
50668 Cologne  
Germany  
Main Railway Station: c. 2 min walk  
Cologne-Bonn Airport: c. 20 min train  
Düsseldorf Airport: c. 40 min train  
Frankfurt Airport: c. 60 min train  
T: +49-221-130710  
F: +49-221-130720  
E: info.cologne@hilton.com  
W: [http://go.hilton8M19](http://go.hilton8M19)

### Learning & Networking

Ensure you are at the market’s cutting edge in terms of knowledge, while meeting key industry participants in an ideal, relaxed atmosphere.

The two-day professional programme consists of presentations followed by Q & A, which alternate with coffee and lunch breaks – superb opportunities for interacting with speakers and other attendees. The Cocktail Reception (24 June) and Official Conference Dinner (25 June) provide outstanding networking opportunities.

### Services & Costs

Book by ticking the boxes below.

**Conference admission fees**
- until 18 Dec. 2018: €910+€172.90+€1082.90  
- until 8 Mar. 2019: €1150+€218.50+€1368.50  
- from 9 Mar. 2019: €1350+€256.50+€1606.50

**Conference Dinner (takes place on 25 June 2019)**
- €79+€15.01+€94.01

**Exhibition table-top package (includes admission for one delegate)**
- Companies resident outside Germany
  - until 18 Dec. 2018: €1250+€172.90+€1422.90
  - until 8 Mar. 2019: €1490+€218.50+€1708.50
  - from 9 Mar. 2019: €1690+€256.50+€1946.50
- Companies resident in Germany
  - until 18 Dec. 2018: €1250+€237.50+€1487.50
  - until 8 Mar. 2019: €1490+€283.10+€1773.10
  - from 9 Mar. 2019: €1690+€321.10+€2011.10

**Conference sponsorship**

*Please contact me to let me know what’s available*

*German VAT @ 19%  
**German VAT partially applicable*

### Marketing Opportunities

Sponsorship is a brilliant way of generating awareness to your company’s commitment to the industry, as well as highlight its products and services.

A table-top exhibition runs alongside the conference. It is situated in the Conference Foyer, where all coffee breaks take place – and also the Cocktail Reception. The exhibition package is excellent value for money, as it includes admission fee for one delegate.

### What is Included?

The admission fee includes attendance at all conference sessions, the Networking Cocktail Reception, lunches and refreshment breaks on both days, as well as a set of Conference Proceedings.

### Accommodation

Attendees book rooms directly from the hotel. The organisers have negotiated a limited block of rooms at the rate of €159 a single/€189 a double (including VAT, breakfast and WiFi). Please use [http://go.hilton8M19](http://go.hilton8M19) or e-mail/call the hotel directly, quoting “Blow Moulding 2019”.

### Cancellation Policy

For cancellations received
- by 18 Dec. 2018: refund possible, less a cancellation fee of EUR150;  
- by 8 Mar. 2019: refund possible, less a cancellation fee of EUR300;  

The cancellation policy above refers exclusively to attendee admission fees. Unfortunately, no refunds can be made on table top bookings, sponsorship packages or other services, once these have been booked.