



# Nordic ARM Conference 2016

Borås, Sweden

9<sup>th</sup> and 10<sup>th</sup> of February 2016

## OUR PROUD SPONSORS



## Day 1

09.00 – 09.15: **Welcome / Nordic ARM news**

09.15 – 09.45: **Marketing and social media**

*Niklas Hansen, Solid Media Group*

09.45 – 09.55: **Standards, where to test our products.**

*Rune Fink, NET,*

09.55 – 10.15: **Additive manufacturing in industrial applications**

*Ole Homb, Norwegian Additive Manufacturing AS*

10.15 – 10.35: **Coffee / Table top**

**Sponsored by SAT, Maus, EEC, Orenda**

10.35 – 10.50: **Polypropylene**

*Jagdish Patel, Matrix Polymers*

10.50 – 11.00: **Polyester**

*Geert Jackers, A-Resins*

11.00 – 11.10: **Introduction of the Nordic ARM Design competition**

*Ronny Ervik, Nordic ARM*

11.10 – 11.30: **Presentation of the Nordic ARM Design Nominees**

*Design Students*

11:30 – 12.00: **Table Top Exhibition**

12.00 – 13.00: **Lunch**

**Sponsored by UltraPolymers, RotoMoulds, Fann, Axel**

13.00 – 14.00: **Workshops: Pigment, internal cooling, standards**

14.00: **Departure to Uponor**

**Sponsored by Uponor, Matrix, Reduction Engineering**

20.00: **Dinner at Grand Hotel**

**Sponsored by RotoSolutions, A.Schulman, Orex, Dram**

21.30: **Nordic ARM Quiz**

**Sponsored by NET, Persico, Poliplast**





## Day 2

07.30 – 08.30: **The Nordic ARM run** (Morning training, bring training outfit)  
*Walter Bonazzi, Polivinil RotoMachinery*

09.00 – 09.20: **Internal water cooling works**  
*Katia Zoppetti, Dram Srl*

09.20 – 09.40: **Moulds for prototyping**  
*Lukasz Bywalec, Maus GmbH*

09.40 – 10.00: **Speakers Corner**  
*Walter Jaconelli, Sat – Gary Lategan, RotoSolutions, - Matteo Cortesi, Persico, Ronny Ervik, REConsult*

10.00 – 10.30: **Coffee / Table top**  
**Sponsored by Boca, Total, Polivinil**

10.30 – 12.00: **Rotomolding Materials: Past, Present & Future**  
*Paul Nugent,*

12.00 – 13.00: **Lunch**  
**Sponsored by Caccia, Resinex, HD Kunststoffe**

13.00 – 15.30: **Rotomolding Materials: Past, Present & Future**  
*Paul Nugent,*

The conference will be arranged at the Grand hotel Borås, which is located approx. 45 km from the Landvetter Airport (Gothenburg), which has direct flights to most European cities.

We have pre-booked 100 hotel rooms. The pre-booking is valid until 30<sup>th</sup> of November, so be sure to book your room(s) well in advance of the conference. Please book your room(s) at:

[q.grand.boras@choice.se](mailto:q.grand.boras@choice.se) or call +46 33 799 00 00,

Use the booking code **Nordic**

Prices pr room is:           1350 SEK / person / single rooms  
                                      775 SEK / person / double rooms

The registration fee is:

€100,- for Nordic ARM members

€150,- for ARMO members

€600,- for non-members

The payment includes lunch both days and dinner day 1 (without drinks)

The registration is open at [www.nordicarm.org](http://www.nordicarm.org). Please register before 21<sup>st</sup> of December 2015.

If you have any questions, please send an email to [info@nordicarm.org](mailto:info@nordicarm.org)

## **Workshops.**

The Nordic ARM wants to introduce a “Nordic ARM best practice” workshop. The participants will be divided into smaller groups of 5 – 7 people, to discuss one topic. The result of these discussions will be presented at the conference and will be shared to the Nordic ARM members, as the Nordic ARM best practice. This will ensure that the Nordic ARM members will be confident that their methods for processing are among the best in the industry.

The topics that will be discussed during this conference are:

### Pigment:

Some moulders experience that their products get faded and dull after some time.

Discussion topics:

- How to incorporating pigments,
- Processing coloured material,
- Prescribing pigments,
- Organic or inorganic pigments
- Heavy metals in Pigments.

### Internal Cooling:

*Internal cooling is a long known method for reducing cycle time and warpage. Many machines come with options to connect the mould to air cooling. Still there are very few moulders using internal cooling. Why?*

*Discussion topics*

- Benefits of internal cooling*
- Best option to connect air to mould*
- How to secure that pressure is not build up*
- Fast demoulding with internal cooling*
- Reproducibility*

## Standards:

*There are more and more standardization within rotational moulded products. Are we as Nordic ARM involved, or are we just watching and implementing standards as they come.*

*Discussion topics.*

*-Do we need coordination of standards within Nordic ARM*

*-How can we influence?*

*-How can we differentiate vs competitors using standards*

*-How to make sure other processing techniques like IM, BM and pipe are putting rotational moulding on the side line.*

When you register for the conference please also mention which of the workshop groups you would like to attend. All groups will get a moderator to lead the discussion. .