

May 11, 2023 - Antwerp (Belgium)

Carbon neutrality and energy cost reduction in heat treatment

How can the mechanical and metallurgical industries contribute with solutions, materials and process sciences.

WELCOME TO OUR CONFERENCE IN ANTWERP

Sustainability, CO₂ reduction, energy cost reduction are very hot themes, now and in the future. The situation is complex and the impact on a global scale is important with extensively variation between the continents. Europe will play an important role with the “Green deal” and even in Europe there exist differences between countries and regions.

The themes are extremely important for the Heat Treaters, both independent and captive. Compared to other sectors, the heat treatment sector has a relative high cost of energy, labour and tooling. In many cases the processes are fixed or semi-fixed, so that the possibilities of action are restricted, and it makes the heat treatment sector extremely dependant of the evolution in the other sectors and the Customer base.

Therefore, the Association de Traitement Thermique et de Traitement de Surface (A3TS) and Vereniging voor Warmtebehandelingstechniek (VWT) took the decision to organize a full day on it. During that day, a coverage will be given on the different aspects with 7 presentations coming out of industry and research. They will highlight their approach and sharing some examples of solution. It is also a unique opportunity to share experiences between the participants.

A3TS & VWT Team



A UNIQUE PLACE

We welcome you in Flanders Meeting and Convention Center, a Room with a Zoo, emblematic place of Antwerp, in the following spaces: Gorilla rooms 3 and 4.

Address:

Flanders Meeting & Convention
Center Antwerp
Koningin Astridplein 20-26,
B-2018 Antwerp, Belgium



PROGRAMME

THURSDAY 11 MAY

8:30 Reception of participants

9:00 Introduction

Bernard VANDEWIELE (VWT) & Véronique VITRY (A3TS)

9:15 ArcelorMittal Belgium: pathways towards carbon neutrality

Philippe ALBOORT, Manager, Business Development & Strategic Partnerships (ARCELMITTAL GENT)

9:55 DAF Trucks, on the road to even cleaner road transport

Jeroen VAN DEN OETELAAR, Manager Manufacturing Engineering & Innovation (DAF TRUCKS)

10:35 Decarbonization plan for conventional heat-treatment facilities: management of energy and cost reduction

Valérie WOIMBEE, Scientific expert Processing technologies Heat-treatment (FORVIA)

11:15 Break

11:30 Heat Treatment and Sustainability at SKF

Erik VEGTER, Senior Scientist Sustainability and Strategic Research (SKF B.V.)

12:10 Sustainability, we rather call it sustainable entrepreneurship

Anne-Lize van Dusseldorp, Director sustainable Entrepreneurship (AALBERTS N.V.)

12:50 Lunch

14:20 Heat treatment from the point of view of sustainability

Dr. Klaus Buchner, Head of Research and Development (AICHELIN HOLDING GmbH)

15:00 Future technology for energy- efficient heat treatment of green steel products

Dr.-Ing. Matthias Steinbacher*, M. Sc. Tim Oelker, Prof. Dr.-Ing. habil. Rainer Fechte-Heinen,

*Head of Department Heat Treatment (IWT)

15:40 BMT-Group , Challenges for the mechanical industry

Eric Willekens, Business Development and Strategic Projects BMT International (VSCT/BMT International)

16:20 End of the Conference

INFORMATION

REGISTRATION

Registrations should be made directly online [on the A3TS website](#)

An acknowledgement of receipt will be sent upon receipt of the registration form or the online registration. Organizers reserve the right to refuse reimbursement of participation fees for cancellation requests received after April 30, 2023.

Fees: (excl. VAT)

Members VWT, early bird*	120 €
Members A3TS, early bird*	120 €
Non Members, early bird*	150 €
Members VWT	140 €
Members A3TS	140 €
Non Members	200 €

* Registration before March 31, 2023

PAYMENT

Payment must be made before the event.

> By bank transfer

RIB : 30056 00040 0040 541 6761 92

IBAN : FR76 3005 6000 4000 4054 1676 192

BIC : CCFRFRPP

> On line on the A3TS website

An invoice will be sent to you afterwards

ADDRESS

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Koningin Astridplein 20-26
B-2018 Antwerp, Belgium

Entrance by the Carnot street, at the corner of the Koningin Astridplein. It is adjacent to the central station of Antwerp, so very easy to reach by train. Also a variety of hotels are available in the vicinity of the location.



WELCOME & RECEPTION

Welcome and registration of participants will take place on May 11, 2023 at the A3TS and VWT reception in the convention center from 8:30 am.

ACCESS

By car:

In Parking Station ZOO, Parking Roosevelt and Parking Centraal, all within walking distance of A Room with a ZOO, visitors of the convention center get a special discount.

Other car parks :

- Parking Astridplein
- Parking De Keyser
- Parking Diamant
- Parking Breidel

By train:

A Room with a ZOO is located next to the famous Antwerp Central Station. This station is considered to be one of the most beautiful stations worldwide with both national and international connections. Connection times to major cities are short. Antwerp has high speed rail connections with Paris, Amsterdam, London and Cologne.

All information can be found on the NMBS website.

By air:

Visitors flying to Brussels International Airport profit from a direct train connection to Antwerp Central Station. There is also a smaller airport nearby: the Antwerp airport.

By tram or bus :

Over twenty tram and bus routes stop within 250 metres from A Room with a ZOO.

MORE INFORMATION

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www.a3ts.org