

Leuven, January 17, 2026

Concerning: SAMPE BeNeLux meeting hosted by AMS Robotics Genk on February 5th, 2026

Dear SAMPE Benelux friend,

it is my pleasure to announce to you the program for the SAMPE BeNeLux Fall25/Winter26 meeting (*). The meeting will be hosted on Thursday February 5th by AMS Robotics Belgium in Genk, Belgium. The central meeting theme for this day will be “Robotic manufacturing of composites, fibres and polymers”.

Please find hereby a short introduction to our host AMS Robotics and the visit highlights:

AMS Robotics, a Belgian SME located in Genk, Belgium, develops advanced automation solutions for the rotational moulding industry.

The company focuses on two key markets: machinery for the production of hydrogen (H₂) liners and fully automated rotational moulding systems.

In addition, AMS is pioneering a new technology that combines polyethylene (PE) with carbon-fiber products, with applications such as padel tennis rackets and automotive components.

AMS is also installing an H₂ tank winding machine in collaboration with Sharp Composites, who are also present during our meeting, supporting the next generation of hydrogen storage solutions.

Besides a visit to the AMS shopfloor, a virtual visit is included to **Sharp Composites**, showing the winding of a pressure vessel.

Please find hereby the proposed meeting agenda for the day:

- 9.30 Registration & coffee
- 10.00 Welcome and introduction by Aart Van Vuure, SAMPE BeNeLux
- 10.15 Welcome and introduction to AMS Robotics, Johan Potargent
- 10.30 “Conventional vs. Robotic winding of composite pressure vessels”, Philippe Willems and Geert Nouwen, Sharp Composites
- 10.55 “A Practical Guide to Analytical Models for Filament-wound Pressure Vessels”, Marie Hondekyn, U Gent
- 11.20 Coffee break
- 11.40 “Developments on Robotic Continuous Ultrasonic Welding of Thermoplastic Composites”, Johan van Stuyvesant Meijen, SAM XL
- 12.05 “Automation in braiding”, Stephan Voskamp, Eurocarbon
- 12.30 Lunch
- 13.30 Annual General Meeting SAMPE Benelux – Aart van Vuure + SAMPE Benelux board
- 14.00 “Automated 3D printing of composite products”, Mark Muilwijk, CEAD
- 14.25 “High-precision Robotics for enhanced Filament Winding and Complementary Processes”, Ed van Breugel and Simon Hulshof, GKN Fokker
- 14.50 Coffee break
- 15.10 Virtual tour to Sharp Composites
- 15.40 Visit to AMS Robotics
- 16.30 Closure with networking drink

You can register to this event by subscribing via the following link:

<https://sampe-benelux.org/2026/01/16/sampe-benelux-autum-meeting-2025/>



Participation is free for SAMPE members. Non-members pay 95.00 € (includes one-year membership) and students 20.00 €. Please subscribe at the latest by Thursday January 29th. The number of participants will be limited to 40.

Non-members can fill out their application forms via the membership form that can be found on the SAMPE Europe website: <http://www.sampe-europe.org/> .

The meeting will take place at AMS Robotics Belgium BV, Kieleberg 5, Poort Genk 6386 3740 Bilzen, Belgium. Sufficient parking places are available at AMS Robotics, including 2 electric vehicle charging stations (+ 6 at neighbor company).

For participants who plan to stay overnight, our host recommends the Holiday Inn hotel in Hasselt.

SAMPE Benelux is grateful to AMS Robotics and Sharp Composites for the joint organization of this meeting and its visits. We look forward to meeting many of you at AMS Robotics on February 5th,

with regards,

Aart Van Vuure
for SAMPE Benelux