

Leuven, April 21, 2022

Concerning: SAMPE BeNeLux Spring meeting hosted by TPRC on May 18th, 2022

Dear SAMPE Benelux friend,

it is our pleasure to bring you the program for the 2022 SAMPE BeNeLux Spring meeting. Two years ago, we already planned to visit TPRC, but we were forced to go virtual at that time. Now, we look forward to meet you live in Enschede! We start with a lecture program under the theme "Large Scale Manufacturing with Thermoplastic Composites" followed by a visit to the TPRC research center. Hereby a short introduction to our host TPRC and the visit highlights:

The ThermoPlastic composites Research Center (TPRC) is a unique worldwide research center for thermoplastic composites, where experts work together on increasing knowledge of materials, their behavior, product design and processing technologies. Our main objective is to understand the complex relationships between these fields of interest and implement this knowledge in design guidelines. We focus on enabling the use of thermoplastic composite technology in large volume applications and on promoting the widespread adoption of thermoplastic composites through fundamental knowledge development.

Over the last decade the TPRC has grown into an international consortium of 22 members who together span the entire value chain. With our members, we hope to meet the current need for lightweight design for more sustainable transportation in the future.

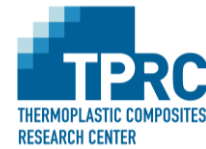
During your visit, we are happy to give a tour and explain our research roadmap, amongst which fiber placement, out-of-autoclave processing, welding, stamp forming and recycling.

The proposed meeting agenda is as follows:

- 9.30 Registration & coffee
- 10.00 Welcome and introduction by Aart Van Vuure, SAMPE BeNeLux
- 10.15 Welcome and introduction to TPRC by Sebastiaan Wijskamp, Technical Director.
- 10.30 “The formation of fiber waviness during thermoplastic composite laminate consolidation”, Erik Krämer, TPRC
- 10.55 “Hydrostatic Press Consolidation technology”, presented by Alexei Vichniakov, Airbus
(co-authors Alexei Vichniakov, Jörg Schwickert, Paul Jörn, Airbus Operations GmbH, Germany, Philipp Köhler, Lennart Finger, CTC GmbH, Michael Schöler, Fabian Köffers, Siempelkamp GmbH)
- 11.20 Coffee break
- 11.40 “An integrated approach to large, complex stiffened thermoplastic composite structures”, Peter Boer, DTC Collins Aerospace
- 12.05 “On the way towards industrialization of ultrasonic welding of thermoplastic composite structures”, Bram Jongbloed, SAM|XL
- 12.30 Sandwich lunch
- 13.45 Presentations by winners of SAMPE Benelux student competition
- 14.20 “STUNNING - Manufacturing of the largest thermoplastic aerospace part in the world”, Joachim de Kruijk, NLR - Netherlands Aerospace Centre
- 14.45 “PA6-organosheets by anionic polymerization”, Dany De Kock, Johns Manville
- 15.10 Coffee break
- 15.30 Visit to TPRC research center
- 17.00 Closure with networking drink

You can register to this event by registering via following link: <http://www.sampe-benelux.org/content/sampe-benelux-spring-meeting-2022>

Please subscribe at the latest by Friday May 13. If you have subscribed but are finally not able to participate, we kindly request to email us as soon as possible at info@sampe-benelux.org.



Participation is free for SAMPE members. Non-members pay 80.00 € (includes one-year membership) and students 20.00 € to become members (for 1 year). This membership application can be performed online at: <https://sampe-membership.eu>

The meeting will take place at the U Parkhotel at following address: De Veldmaat 8, 7522 NM Enschede. The venue is located on the University of Twente campus and is easily accessible by public transport (train and bus) and by car. Parking your car is possible at the U Parkhotel.

If you wish to stay overnight nearby, we recommend the U Parkhotel:
<https://www.uparkhotel.nl/en>

SAMPE Benelux is grateful to our host TPRC and especially Sebastiaan Wijskamp and Esther van der Veen for organizing this SAMPE Benelux meeting together with us.

SAMPE Benelux and TPRC hope to meet many of you live on Wednesday May 18th,

with regards,

Bart Vangrimde
for SAMPE Benelux