

**2018** 11-12 April, 2018 Hilton Mainz, Germany  
**Poly-Foam Conference**

to **G**ether  
for **G**rowth



**Organized by:**  
**FOAM UPDATE**

**Exhibition & Support:**



**REEDY**  
CHEMICAL FOAM  
& SPECIALTY ADDITIVES



**Microcellular**  
Plastics Manufacturing  
Laboratory

# Poly-Foam Conference

11-12, April 2018

Hilton Mainz, Germany

**Foam Update** is very pleased to announce the international Poly-Foam conference to be held at Mainz-Frankfurt Germany on 11-12 April, 2018. Global medium-low density foam market reaches 100 billion euro in 2016. With an amazing growth rate, it is expected to exceed 150 billion euro by 2022. Foam is simply an amazing product platform. This conference offers a great opportunity for continued learning, networking, and growth.

Innovation, technology, and application are key elements to sustain the success of foam globalization. In the 21st century, foam has excelled from packaging and flotation to meet environmental and performance challenges. Momentum keeps growing. At present, its inherent high surface area becomes another foundation for effective function. In addition, 3D printing into cellular structure can no doubt open up the innovation door. Its potential in application and new business is simply incredible.

Meeting global foam experts itself is a platform to build up and to strengthen collaborative networks through presentation, exhibition, and social hours. New insights and commitments to further globalization and global innovation are expected.

## Sponsor This Event

A variety of sponsorship opportunities are available at this conference to help promote and enhance your company's brand, products, and services to this highly targeted international audience. Contact Foam Update at 1-201-337-7283 (US) for more information.

## To Give than to Receive

This conference is hosted by Foam Update group.  
P. O. Box 906  
Franklin Lakes, New Jersey 07417 USA  
Tel: 1-551-998-9316

## Conference Programme

Wednesday 11 April 2018

07:50 Registration and Welcome Coffee/Tea  
09:00 **Opening Announcement; C. B. Park; CCMCP**

### Innovation

- 09:10 **Foam Is More Than A Product**  
S. T. Lee; Foam Update, USA
- 09:40 **New Generation of Extremely Strong and Insulative Hybrid Silica Aerogel**  
S. Rezaei, A. M. Zolali, A. Jalali, S. Karamikamkar, C. B. Park; MPM Lab. U. Toronto, Canada

10:20-10:50 morning coffee/tea **sponsored by**



### Novel Foam Extrusion Technique

- 10:50 **Sabic® PP-UMS Resin for Automotive and Packaging Applications**  
E. Ven van der; Sabic, Netherlands
- 11:20 **Improvement of Foaming Behavior and Properties of PP Using Nanofibril Technology**  
C. Zhao, L. H. Mark, C. B. Park; U. Toronto, Canada
- 11:50 **Biaxially Stretched Thin Polyethylene Foams Produced by Extrusion Film Blowing: Optimization of the Processing Conditions**  
O. Hamdi, F. Mighri, D. Rodrigue; U. Laval, Canada
- 12:20 **Extrusion Foaming of Partially Crosslinked Thermoplastic Vulcanizates Silicone**  
Prof. Philippe Cassagnau, Univ. Lyon I., France

12:50-14:10 lunch

### Nanocellular

- 14:10 **Emerging Properties of Nanocellular Polymers: Molecular Confinement, A Useful Tool or A Drawback**  
J. Pinto, J. Martin-de-Leon, V. Bernado, B. Notario, R. Verdejo, M. A. Rodriguez-Perez; CellMat, Spain
- 14:40 **Effect of Molecular Weight to the Formation of PMMA Nanocellular Foam**  
S-K. Yeh, K-C. Wang, Y-T. Ho, National Taiwan University of Sci. and Tech., Taiwan

15:10-15:40 afternoon coffee/tea



### Panel Discussion: Challenge & Opportunity

15:40 – 17:00

**Panelist:** Prof. C. B. Park; **CCMCP and U. Toronto**  
Prof. Volker Altstädt; **U. Bayreuth**  
Dr. S. T. Lee; **Foam Update**

17:00-19:00 Conference Cocktails



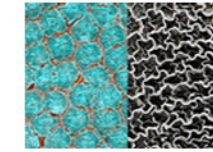
## Thursday 12 April 2018

08:30 Registration and Welcome Coffee/Tea

### Application Front

- 09:00 **Comparison of the Physical Foam Injection Molding Processes: MuCell®, CellMould®, And ProFoam®**  
V. Altstädt, C. Baumgart, K. Wunderlich; U. Bayreuth, Germany
- 09:30 **Optimizing Process Condition of PU Foaming: from Material Properties to Numerical Simulation**  
C-W. Wang, S-P. Sun, C-H. Hsu, R-Y. Chang; CoreTech System (Moldex3D), Taiwan

10:00-10:30 morning coffee/tea



### New Development for Future

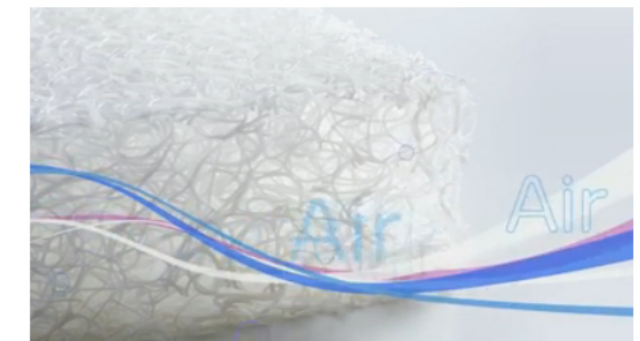
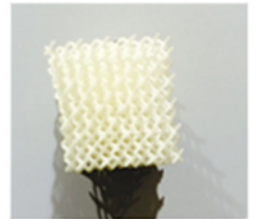
- 10:30 **Auxetic Foam and Its Implications**  
S. T. Lee; Foam Update, USA
- 11:00 **Technical Foams in Outer-Space Application**  
Fabrizio Quadrini; University of Rome Tor Vergato, Italy
- 11:30 **Design of Novel Organic-and Inorganic Hybrid Polyurethane Foams**  
Letizia Verdolotti, Salvatore Iannace, Marino Lavorgna; INRC, Italy

12:00 **Concluding Remarks**

12:20-14:00 lunch

14:00 **Conference Ends**

Plastics skeleton from 3d printer



Breathair®

**Note:** Foam Update reserves the right for revisions/updates in the final program

# Poly-Foam Mainz Conference: 11-12, April 2018

Hilton Mainz: Rheinstraße 68, 55116 Mainz, Germany

## Registration Form

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Country/Zip Code:

\_\_\_\_\_

e-mail: \_\_\_\_\_

Phone: \_\_\_\_\_

VAT No. for EU company: \_\_\_\_\_

**Payment Method: in Euro € or US \$ (please circle one)**

1. By check; mail to: P.O. Box 906 , Franklin Lakes, NJ, 07417

2. By Bank Transfer

- a. Bank Name: JP Morgan Chase
- b. Address: 345 Ramapo Valley Rd., Oakland, NJ 07436
- c. Swift Code: **CHASUS33**
- d. Account Name/number: Foam Update/2928813357
- e. ABA Routing# 021202337

3. By Credit Card; Visa/Master Card/American Express

- a. Cardholder Name: \_\_\_\_\_
- b. Card Number: \_\_\_\_\_
- c. Expiration Date: \_\_\_\_\_
- d. Signature: \_\_\_\_\_

**Please e-mail the completed form to**

**[matthew@foamupdate.com](mailto:matthew@foamupdate.com)**

**or mail to: P.O.Box 906, Franklin Lakes, New Jersey 07417**

## Conference Information

**Date: 11-12, April 2018**

**Location: Mainz-Frankfurt, Germany**

Hilton Mainz  
Rheinstraße 68  
55116 Mainz, Germany

**Registration Fee Chart\*:**

(Advanced cut-off date: **28 Feb., 2018**),  
**please circle the amount**

**Conference:**

Advance Rate: €800 + 19% = €952 or US\$ 1160

Regular Rate: €1000 + 19% = €1190 or US\$ 1450

**Exhibition:**

€1,600 or \$1,950 (advance)/€ 1,800 or \$2,260 (regular)  
(exhibition includes one delegate); please contact us for  
sponsoring breaks, lunch, or cocktail

**General sponsor (logo in the front page):**

€ 1,000 or \$1,200

**Venue:**

Hilton Mainz; Rheinstraße 68  
55116 Mainz, Germany  
(about 40 min. drive from Frankfurt Airport)  
Please make your own reservation as soon as possible.

**Cancellation:**

Full refund minus €200 processing fee is only available  
to cancellation made by 28 of Feb. 2018.

\*: group rate of five delegates is available upon request.

## To Give than to Receive

This Conference is hosted by Foam Update group  
P.O.Box 906, Franklin Lakes, New Jersey 07417, USA  
tel: 201-294-6933 (Matthew)