



Poly-Foam 2024

SPECIALTY FOAM!

SUZHOU, W Hotel
Dec. 3-5, 2024

Hosted by: **FoamUpdate**

Co-Hosted by: **SHINCELL**
Committed To Sustainable Foaming Technology



Poly-Foam 2024 Conference

Specialty Foam!

Suzhou, W Hotel, Dec. 3*-5

Expanding the speciality polymers into low density to capture the performance and lightweight benefits is a new and exciting trend, yet the presence of the functional groups in the polymer makes the production quite challenging; from structural morphology, precise formulation, blowing agent (i.e. HFO vs SCF), to post foaming management and novel applications. The Poly-Foam 2024 invites well-known foam experts to make speeches, along with exhibitions to provide a platform for on-site communication to spark new ideas for the development of novel solutions to meet or to exceed the demand in the elite foam segments. All dedicated technical staff, scientists, engineers, designers, marketing and new business development specialists are welcome to join with other fellows to form an effective collaborative network to prosper the specialty foam industry which will make living and environment more enjoyable.

*This Conference also offers a one-day Expert Lecture on Dec. 3, from which development testimonials in foam extrusion, elastomer for mid-sole, and injection molding will be presented.

Preliminary Technical Program

Wednesday December 4, 2024

07:50	Registration and Welcome Coffee/Tea
08:20	Opening Remarks
Specialty Foam	
08:30	Specialty Foam and Its Future Lee, S. T.; Foam Update
09:10	Elastomeric Foam for Shoes Jiang, Xiulei; Shincell New Materials
09:50	Construction of Ordered Nacro-Porous Structure for Sea-water Evaporation Zhai, Wentao; Sun Yat-Sen Univ.
10:30	Coffee/Tea Break

Elastomeric Foam	
11:00	New Techniques to Improve Poat-Foaming Shrinkage for Low Density Elastomeric Foam Wang, Guilong; Shandong Univ
11:40	Study of Post-foaming Dimensional Stability Analysis for Elastomeric Foam Yadong He, Beijing University of Chem. Technology (TBC)
12:20	Lunch
Innovation	
14:00	Simulation and Design of a New Injection Molding Foam Screw Jingyi Xu, Yuyao Huatai Rubber & Plastics Machinery Co., Ltd.
14:40	Gradient Design and Compressive Properties Control for Pomelo-like Polyurethane Foam Yu, Kojing; Jiangnan Univ.
15:20	Coffee/Tea Break
15:50	Exhibitor Presentations
18:00	Banquet (Sponsored by Shincell New Materials)

Thursday December 5, 2024

08:00	Welcome Coffee/Tea
New Materials	
08:30	Features and Applications of Polyolefin Foam Using Physical Blowing Agent Yu, Brian; Dow Chemical Investment Co. Ltd.
09:10	Fabrication of Expanded Ethylene-Propylene-Butene-1 Copolymer Bead Guo, Peng; Sinopec Beijing Research Inst. of Chem. Industry
09:50	Low Density Porous EMI Composite Foam with High Performance Zhang, Xiaoli; Zhengzhou Univ.
10:20	Coffee/Tea Break

Novel Techniques	
10:50	New Technique in Making Rigid Polymer Foam Tang, Tao; Chinese Academy of Science, Changchun Inst.
11:40	Innovative Polymer Foaming to Improve Performance Using External Field Treatment Yichong Chen, East China Univ. of Science and Technology
12:20	Concluding Remarks
12:30	Lunch
14:00	Plant Tour (TBD)

Poly-Foam 2024 Conference

Participation Proposal

1. Technical Program:

a. ¥6,320 or \$900 (advance), ¥7,810 or \$1,120 (regular)

b. Student: ¥2,900 (advance), ¥3,900 (regular)

2. Expert Lecture:

a. ¥2,100 (advance), ¥2,650 (regular) for attending Expert Lecture only

b. ¥1,150 (advance), ¥1,900 (regular) for conference registrants.

3. Exhibition (includes one free delegate):

a. ¥10,000 or \$1,425 (advance), ¥12,000 or \$1,715 (regular)

4. General Sponsor (logo on the conference front page for distribution):

¥7,100 or \$1,015

*Please contact us for sponsoring breaks, and lunch.

5. Local Contact:

Ms. Lisa Lee at +86 155 5811 0726, Ms. Bianca Huang at +86 185 1800 4177

PS:

a. Please contact us for a special group rate for five and more registrants.

b. Invoice/Fapiao will be delivered after registration is completed.

c. Advance cut-off date: Oct. 31, 2024 (registration/payment must be paid by then).

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Registration Form

Participation Choice (please choose)

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Student: ¥2,900 (advance), Student: ¥3,900 (regular)

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Registration Information

Name & Title: _____

Company: _____

Address: _____

E-mail & Cell #: _____

Payment Method: in RMB or USD

(please circle one)

By Bank Transfer

a. Bank Name: JP Morgan Chase; 345 Ramapo Valley Rd., Oakland NJ 07436

b. Swift code: CHASUS33

c. Account Name/Number: Foam Update/2928813357

By Credit Card; Visa/Master Card/Amer Express

a. Cardholder Name: _____

b. Card Number: _____

c. Expiration Date: _____

d. Signature: _____

*Please e-mail the completed form to matthew@foamupdate.com

Expert Lecture Agenda (in Mandarin only)

Dec. 3, 2024

Time	Topics	Speaker
8:45-10:00	PE Foam Extrusion; from General to Elite Revenue: \$2million to \$200million; 1985-2015)	S. T. Lee Foam Update
10:00-10:40	Coffee/Tea break	
10:40-11:55	The trending of the elastomeric foam for the midsole of sneakers	Jackie Hong Shincell
12:00-14:00	Lunch	
14:00-15:15	Elastomeric foam with degradable bio-groups using SCF technique	Wentao Zhai, Sun Yat-Sen Univ.
15:15-15:45	Coffee/Tea break	
15:45-17:00	Microcellular Foam Technique in Injection Molding	Guilong Wang Shandong Univ.

Expert Introduction

Dr. S. T. Lee/ Foam Update

Dr. Shau-Tarng Lee graduated from National Tsing-Hua University, and Stevens Institute of Technology in Chemical Engineering for Bachelor, master, and Ph.D., respectively. He has over 100 publications, among which 30 are patents, primarily US patents in foam. He authored and edited six books in polymeric foams published by CRC Press since 2000.

Jackie Hong / Shincell

Hong Junling is the head of the consumer goods business at Suzhou Sensai New Materials Co., Ltd. He has over 20 years of management experience in leading domestic and international sports shoe brands, supply chains, and factories. He has previously worked for brands such as Adidas and Anta. With more than 15 years of expertise in the innovation and R&D fields of top-tier brands, he excels at identifying cutting-edge innovation trends, is bold in exploring new processes and material technologies, and has the ability to implement them effectively.

Wentao Zhai /Sun Yat-Sen Univ.

Dr. Zhai Wentao is a professor at the School of Materials Science and Engineering, Sun Yat sen University, and the director of the Polymer Foam Materials Research and Development Center at the Nanchang Research Institute of Sun Yat sen University. He mainly engages in research and development of polymer foam and porous materials. Hosted more than 40 national "863" program projects, National Natural Science Foundation of China (4 projects), key R&D and industry university research projects in Guangdong Province/Fujian Province, and enterprise commissioned development projects.

Guilong Wang/Shandong Univ.

Wang Guilong, Professor at the School of Materials Science and Engineering, Shandong University. From 2012 to 2016, Wang Guilong conducted postdoctoral research at Shandong University and the University of Toronto, focusing on the preparation of microporous plastics. In August 2016, Wang Guilong was appointed as a professor at the School of Materials Science and Engineering, Shandong University.