Advanced Materials In Healthcare Conference
October 9, 2017
Huntington Convention Center of Cleveland

Advanced Elastomers for Healthcare
Chair: Judit E. Puskas, The University of Akron, Department of Chemical & Biomolecular Engineering

8:30 a.m. Opening Remarks
Judit E. Puskas, Chair and Matthew Wilson, President, The University of Akron

8:45 a.m. Plenary: Polymers in Healthcare
Gordon McLennan, Cleveland Clinic, Department of Biomedical Engineering

9:45 a.m. Electrosyn Rubbery Fiber Mats for Healthcare
Dr. Kolos Molnár, Budapest University of Technology and Economy, Department of Polymer Engineering

10:15 a.m. Break

Advanced Elastomers for Healthcare Continued; Elastomer Materials
Chair: Rick Ziebel, R.D. Abbott Company, Inc.

10:30 a.m. Review of Butyl Rubber in Medical Applications
Dana Adkinson, Arlanxeo

11:00 a.m. Effect of Sterilization on Butyl Rubber (Steam, Gamma and EtO)
Greg Davidson, Arlanxeo

11:30 a.m. Silicones Used in Healthcare
Eric Reynolds, Dow Corning Healthcare

12:00 p.m. MillaMed™ Millable Polyurethane Compounds for Medical Applications
Thomas Jablonowski, TSE

12:30 p.m. Advantages of Cariflex Polyisoprene Rubber in Healthcare Applications
Aparjita Bhattacharya, Kraton Polymers

1:00 p.m. Lunch

International Regulatory Issues
Chair: Katrina Cornish, The Ohio State University, Department of Horticulture and Crop Science and Department of Food, Agriculture and Biological Engineering

2:00 p.m. Regulatory Considerations Impacting Elastomer Selection
Uma Kale, The Dow Chemical Company

2:30 p.m. Regulatory Affairs for Elastomers for Medical Applications
Amir Hashim Md Yatim, Malaysian Rubber

3:00 p.m. Changes in the USP Standard
Cheryl Stults, C&M Technical Consulting

3:30 p.m. Break

Education for Advanced Elastomers for Healthcare
Chair: Carin Helfer, The University of Akron, Department of Biomedical Engineering

3:45 p.m. Bringing Advanced Materials into the Classroom; Shape Memory Polymers
John Fellenstein, The University of Akron, Akron Global Polymer Academy

4:15 p.m. Natural Rubber - Education is Essential to Utility and Application
Katrina Cornish, The Ohio State University, Department of Horticulture and Crop Science and Department of Food, Agriculture and Biological Engineering

4:45 p.m. BEST Mentoring Program
Carin Helfer, The University of Akron, Department of Biomedical Engineering

5:15 p.m. The Confucius Institute and Educational Collaboration Henan-Akron
Dr. Xiuhua Liu, Henan University

Brought to you by:

International Rubber & Advanced Materials In Healthcare Expo
Huntington Convention Center of Cleveland
October 10-12, 2017

Expo Hours:
Tuesday: 10 a.m. – 5 p.m.
Wednesday: 10 a.m. – 5 p.m.
Thursday: 10 a.m. – 3 p.m.

Supporting Partners:

Attendees receive complimentary admission to the expo. Just show your conference badge to gain entry.