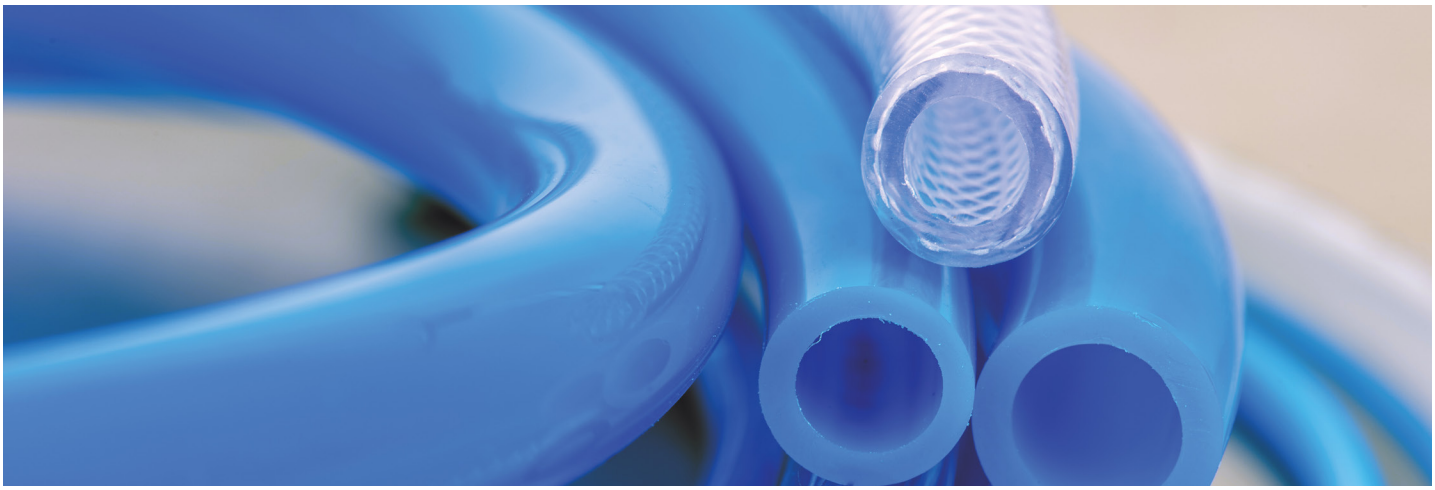
Spotlight™ Medical Extrusion & Secondary Operations Conference

September 25 & 26, 2023
Saab Emerging Technologies and Innovation Center
Lowell, MA 01854 | USA



Hosted by

GRAHAM ENGINEERING

UMASS LOWELL

SESSIONS

Monday, September 25, 2023

11:30 am Check in & Lunch

1:00 pm Keynote: “Advanced Recycling of Medical Waste” – Wan-Ting “Grace” Chen Ph.D., Assistant Professor, UMass Lowell

1:30 pm “Material Considerations for the Development of Healthcare Applications” – Collin Hanson, Sr. Marketing Manager for Healthcare, Avient Corporation

2:00 pm “Eliminating Process Variables with Intelligent Resin Dryers” – Gene Flockerzi, General Manager, Moretto North America

2:30 pm “Innovations in Rigid Medical Packaging Materials” – Jennifer Lauderback, Director of Business Development, Medical Packaging, Impact Plastics

3:00 pm “X-Ray Technology” – Jorge Lage, Director of Sales, Zumbach Electronics Corporation

3:30 pm Francis College of Engineering Tour hosted by Carrol Barry, Chair Department of Plastics Engineering

5:30 pm Networking Reception at Tavern in the Square Lowell

Tuesday, September 26, 2023

7:30 am Breakfast

8:15 am Welcome Remarks - Michael Duff, VP - Sales & Service, Graham Engineering Company

8:30 am “Advantages of Using a Fully Integrated Control System in Lieu of Discrete Controls” – Terry (TJ) Hartlaub, Navigator Applications Manager, Graham Engineering Company

9:00 am “Gauging the Improvements from Gear Pump” – Pablo Vaca, Technical Leader - Polymer

9:30 am “Demystifying Tooling Design for Medical Extrusion” – Jacob Marcure, Design Engineer, Guill Tool & Engineering

10:00 am Break including beverages & snacks

10:30 am “The Need for Internal Air Support During Tubing Extrusion” – Kay DeWolfe, President, On Line Controls Inc.

11:00 am “Dryer Technologies, Which is Right for You?” – Herb Wischow, Vice President - Sales, Dri-Air Industries

11:30 am “Multi pass extrusion of Medical Tubing – Fact or Fiction” – Shawn Hitz, Product Manager, The Conair Group

12:00 pm Lunch

1:00 pm “Is Your Medical Device Manufacturing Ready for the Next-Generation Paradigm Shifts in Inspection? ” – Chad Walker, Product Manager, LaserLinc, Inc.

1:30 pm “Best Practices for Rigid Medical Tray Sealing Success” – Lynn Barton, Manager CeraTek Sales, SencorpWhite

2:00 pm “Drug Eluting Implant Development and Manufacturing” – David White Ph.D., Founder & CEO, ExtruPharm

2:30 pm Break including beverages & snacks

3:00 pm “Using AI / ML (Predictive Analytics) to process real time operating data for enhanced productivity - higher quality, lower cost, better performance - in continuous manufacturing processes” - Cliff Emmons, CEO, IIoT-Oxys

3:30 pm “The Evolution of Medical Tubing” – Jason Eddy, Principal Engineer, Heraeus Medical Components

4:00 pm Closing Comments - Michael Duff, VP - Sales & Service, Graham Engineering Company

KEYNOTE:

Dr. Wan-Ting (Grace) Chen
Assistant Professor

UMass Lowell
Francis College of Engineering

BIOGRAPHY

Wan-Ting (Grace) Chen, Ph.D., is an assistant professor in the department of Plastics Engineering at the University of Massachusetts Lowell (UMass Lowell), where she directs the Plastics & Environment Research Laboratory. Grace received her B.Sc in Chemical Engineering from National Taiwan University, M.S. and Ph.D. in Agricultural and Biological Engineering from the University of Illinois at Urbana-Champaign, a postdoctoral training in Chemical Engineering from Purdue University.

Her research group has extensive experience in the sustainability area, working with stakeholders including federal/state agencies, industries, and non-profit organizations. To date, her research group has been funded by the REMADE Institute, the U.S. Department of Energy, the Defense Logistics Agency, the U.S. Geological Survey, the U.S. Army Natick Soldier RD&E Center, the United Soybean Board, and several companies.

Prof. Chen's current research focuses on four topics:

- Advanced recycling of plastic and municipal waste into fuels, polymers, and chemicals.
- Degradable and biobased polymeric material development.
- Interfacial phenomena between microplastics and biofilms.
- Green solvent/chemical design.

Her lab is equipped with reactors for hydrothermal processing of plastic waste and biowaste, as well as characterizations for fuel/polymers/thin films/microplastics. Prof. Chen is affiliated with American Institute of Chemical Engineers, American Chemical Society, American Society of Agricultural & Biological Engineers, and Institute of Packaging Professionals. To date, she has published 30+ peer-reviewed articles with a total citation of 3000+ and an H-index of 26.

SPEAKERS

Collin Hanson

Mr. Hason is a Sr. Marketing Manager for Healthcare at Avient Corporation. Prior to this role, he spent 10+ years in various product management roles. Collin holds a B.A. from Denison University as well as M.S in Management and M.B.A degrees from Case Western Reserve University.

Gene Flockerzi

Mr. Flockerzi is a General Manager for Moretto North America division. With 28 years of plastics manufacutring industry experience, he is responsible for overseeing Moretto's complete business operations throughout North America. Gene holds a bachelor of Science Industrial Education from California University of Pennsylvania.

Terry (TJ) Hartlaub

Mr. Hartlaub joined GEC in 2018 and has held several engineering positions before serving in his current role as Navigator Applications Manager. He has over 10 years of experience in the plastics and corrugated industry doing controls systems for various types of automation applications. TJ holds a bachelor's degree in Electrical Engineering from York College of Pennsylvania

Chad Walker

Mr. Walker is a Product Manager at LaserLinc. With over seven years of experience in the measurement and controls industry and a Bachelor's Degree in Aerospace Engineering from The Ohio State University, Chad possesses a comprehensive understanding of the challenges faced by medical device manufacturers.

David White

Dr. White has worked in the pharmaceutical industry for the last 10 years developing extrusion based drug eluting implants for prolonged drug release, abuse deterrent applications, and local drug delivery for indications such as pain, inflammation, epilepsy, Parkinson's, and HIV. David has PhD in Plastic Engineering from UMass Lowell.

Jorge Lage

Mr. Lage is the Director of Sales at Zumbach Electronics. With over 10 years of extrusion experience and over 15 years of esterprise data experience Jorge provides an excellent perspective on Industry 4.0 initiatives. Jorge holds a B.S. in Electrical Engineering from Manhattan College and an M.S. in Technology Management from Steven's Institute of Technology.

Shawn Hitz

Mr. Hitz is a Product Manager and has been with Conair for over 12 years in the engineering department at times responsible for tooling but most extensively equipment design. He has two degrees from Delta College and worked as a project Engineer in the automotive industry for 5 years prior to coming to Conair.

Kay DeWolfe

Ms. DeWolfe is President of On Line Controls, Inc. Responsible for sales and manufacture of MicroAir, ultra low air pressure regulators and controllers which are sold worldwide to tubing extrusion manufacturers. Kay has worked for On Line Controls for over 35 years and took over as President in 2008. She has a B.S. in Business Management from Becker College.

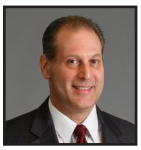
SPEAKERS (cont'd)

Herb Wischow

Mr. Wischow is the Vice President of Sales for Dri-Air Industries. His responsibilities include sales management, project development, dryer sizing, systems and marketing for the companies plastics drying and loading systems. Herb has a B.S. in Business Administration from Bowling Green State University

Lynne Barton

Ms. Barton is the Manager of CeraTek sales at SencorpWhite. She has worked at SencorpWhite since 2001. Lynne graduated from the University of South Florida as a Philosophy major with Honors in 1995.



Cliff Emmons

Mr. Emmons is a visionary medical device senior leader and entrepreneur with extensive experience in creating, building, and transforming technology-based organizations in the USA, India, and China. Cliff has a Bachelor's Degree in Mechanical & Electrical Engineering from the Universities of Connecticut & New Haven.

Jennifer Lauderback

Ms. Lauderback is the Director of Business Development, Medical Packaging at Impact Plastics. She began her career 35 years ago in materials as a Technical Service Engineer, then in Business Development for various medical thermoforming companies. Jennifer received her Bachelor's degree in engineering from Virginia Tech.

Pablo Vaca

Mr. Vaca is the Technical Leader at Maag Reduction, Inc. He provides technical support to customers, application engineers, and after sales service for the Americas' market. In his almost 30 years at Maag, Pablo has worked in field service, project management, design, and as Engineering Manager. Pablo holds a Bachelor's degree in Mechanical Engineering from North Carolina State University.

Jacob Marcure

Mr. Marcure is a Project Engineer for Guill Tool and Engineering. He is responsible for new product development and ensuring extrusion solutions meet customer specifications. Primary areas of technical experience have been mechanical design, flow analysis and rheology, and process engineering. Jacob earned a BS in Mechanical Engineering from the University of Massachusetts.

Jason Eddy

Mr. Eddy is the Principal Engineering for Heraeus Medical Components, focusing on applying sound engineering principles and lean manufacturing techniques to his craft. Jason has been in the medical device engineering space for nearly 30 years. Jason has also been a part of component design and manufacturing, including tipping, re-flow, braiding, coiling, and laser removal of polymers.

FAQ

Who should come to Spotlight?

Spotlight is a technical conference hosted by Graham Engineering for everyone that is interested in extruding medical tubing and performing secondary operations such as braiding, over-molding, surface treatment, and laser drilling for catheters and delivery systems.

Why should I attend Spotlight?

At Spotlight, you'll learn, connect, and grow. You'll mingle with technical leaders, and your industry peers, and you'll walk away with knowledge, connections and memories.

How much does Spotlight cost?

The registration fee is $450 per guest and includes lunch(s), beverages and snacks during breaks, the networking reception, and breakfast the second day.

Is Spotlight registration limited? Will it sell out?

Spotlight is an intimate technical conference with limted registrations available and will sell out. Register today to secure your spot.

How do I register for the conference?

This is a two-step process. Step 1: Send an email to cgast@grahamengineering.com with Spotlight as the subject. In the body of the email, include your name, company name and phone.
If additional people are included then please also include their names.
Step 2: Corey will set up a time for a phone call to pay by credit card or forward you ACH/Wire information.

Can I bring a guest?

Registration is required to attend Spotlight. Guests will not be permitted to attend the conference.

How do I pick up my badge on-site?

Once you are registered you can pick up your badge from 11:30 a.m. to 12:30 p.m. on September 25th.

Are there special hotel rates?

There are discounted rates at the following hotels. Use the link below to book your hotel. Be sure to pick your arrival date, even if it's already selected. If calling to make a reservation, please provide the location, dates, and group code 092423GRAH

Sonesta Select Boston Lowell

Phone: (978) 458-7575

Reservations: (800) 766-3782

Reservations Website: Sonesta Select Boston Lowell Spotlight Block

Rate: $99 plus tax

What are the best Airports for travel arrangements?

Boston Logan International Airport (BOS) - 32 miles, approximate 50 minute drive