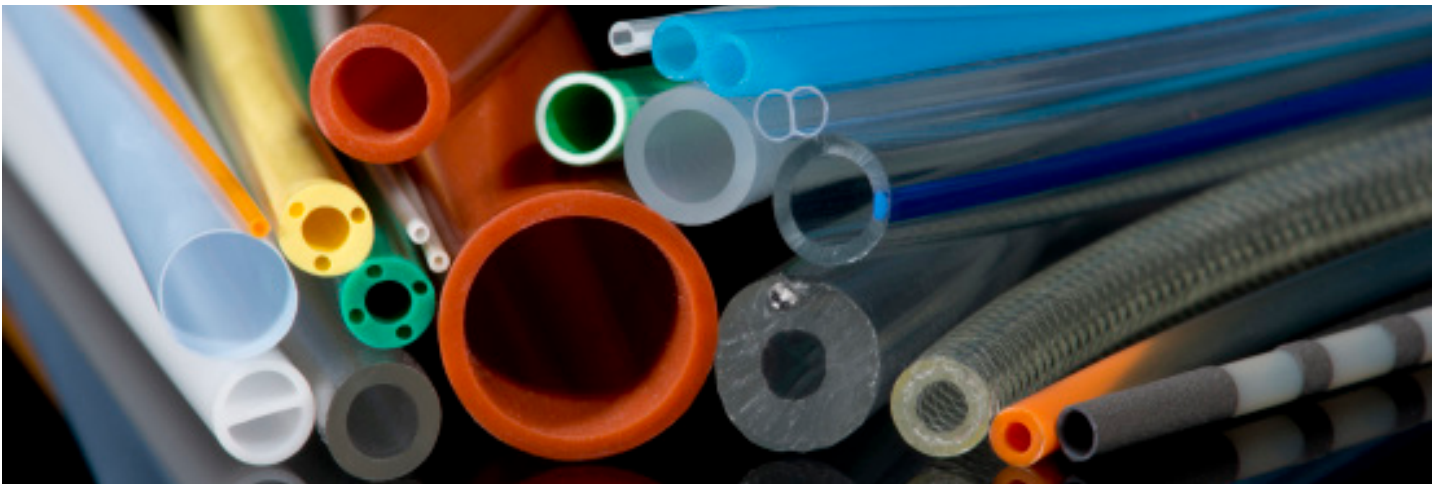


# Spotlight™ Medical Extrusion & Secondary Operations Conference

September 1-2, 2020 | Clayton Hotel  
Monivea Road | Ballybrit, Galway H91 D526 | Ireland



Hosted by



# SESSIONS

Tuesday, September 1, 2020

19:00 - 21:00 Welcoming Reception - Drinks & Desserts

## Wednesday, September 2, 2020

7:30	Check-In & Continental Breakfast	13:30	"Innovative Solutions for the Unique Challenges of Medical Micro-Extrusion" – David Madar, Strategic Market Manager - Medical, Graham Engineering Corporation
8:15	Welcome Remarks	14:00	"Advancements for In-line & Off-line Measurement & Process Control for Medical Tubing" – Keith Donahue, Vice President Sales, Zumbach
8:30	Keynote: "Extrusion of Drug Eluting Implants" – David White, PhD, Founder & President, ExtruPharm LLC	14:30	"Technological Advances in Low-Profile Delivery Systems" – Steve Maxson, Vice President of Sales, Vascular Technologies
9:00	"Irish Polymer Industry Research Trends" - Noel Gately, PhD, Centre Manager, Applied Polymer Technologies	15:00	"Advanced Methods to Managing Quality Production & Traceability Requirements with Precision Measurement & Control Systems" - Tom Hemmelgarn, Engineering Manager, NDC Technologies
9:30	"Stabilization for Medical Plastics – Dominic Feeley, Compounding Solutions	15:30	Break including beverages & snacks
10:00	"Managing & Minimizing Gels in Medical Extrusion" – Timothy Steele, CEO, Founder & Owner, MicroSpec Corp.	16:00	"Similarities & Differences between Injection Molding & Tipping/Bonding Medical Tubing." – Shane Isaac, Customer Service Engineer, Vante, A Machine Solutions Inc. Company
10:30	Break including beverages & snacks	16:30	"Drill, Punch, Skive - The 'Hole' Truth" – Bryan Mathias, Director of Business Development, Syneo
11:00	"Translating Unique Customer Device Needs into an Engineering Solution, a Medical OEM's Perspective" – Mihir Goradia, Staff Engineer, Teleflex Medical	17:00	"The Science of the Process: Optimizing Equipment for Medical Extrusion" - Padraic Lunn, Owner, Lunn Enterprises
11:30	"Manufacturing of Medical Tubing for Balloon Catheter Applications" – Jonathan Carr, Senior Extrusion Engineer, Boston Scientific	17:30	Closing Comments & Networking Reception
12:00	"In-line Surface Inspection Technology for Medical Tubing Applications" – James Rigsby, Process Engineer, Taymer Ireland Technologies		
12:30	Lunch		

## SPEAKERS



### David White, PhD — Keynote Speaker

David White has a BS in plastics engineering from Penn State, a masters in plastics engineering from UMass Lowell focusing on twin and single screw extrusion and will shortly obtain his PhD in plastic engineering from UMass Lowell focused on high speed twin screw extrusion and nanoclay composites. He has worked in the pharmaceutical industry for the last 6 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.

## SPEAKERS continued



### Tom Hemmelgarn

Mr. Hemmelgarn is a veteran of the high-tech measurement & controls industry. He is a Mechanical Engineer and Engineering Metrologist by training & has worked with NDC Technologies for more than 16 years. Tom holds a Masters in Engineering Management from the University of Dayton.



### Timothy Steele

Mr. Steele is the founder and owner of MicroSpec Corporation. Tim has more than 40 years of experience in medical extrusion. He has a reputation for producing advanced parts from a wide variety of thermoplastic materials. In addition to his extrusion experience Tim designs extrusion tools, dies, and extrusion heads. He is a graduate of Lehigh University.



### Jonathan Carr

Mr. Carr is a Senior Extrusion Engineer in Boston Scientific. Prior to joining Boston Scientific he spent 12 years at Creganna Medical supporting Operations, R&D & NPI for extrusion, injection moulding, balloon forming, and catheter assemble processes. He holds Masters in Polymer Engineering from Athlone IT.



### James Rigsby

Mr. Rigsby has been a Vision Engineer with Taymer since 2010, responsible for designing and building new inspection technology for inline and offline processes. Servicing a variety of industries, Taymer specializes in continuous process inspection for wires, cables and tubing.



### David Madar

Mr. Madar's career spans more than 40 years in precision extrusion lines, specializing in medical tubing. He began his career with Harrel, ultimately ascending to the role of President. Davis-Standard purchased Harrel in 2010. Dave joined Graham Engineering in 2014.



### Padraic Lunn

Mr. Lunn is a Polymer Engineer with more than 30 years of medical device extrusion experience. His company represents specialty extrusion equipment companies in Ireland, UK and Western Europe. Padraic also provides customized Extrusion Training programs.



### Noel Gately, PhD

Dr. Gately is responsible for delivering and implementing the research centre business plan and takes a leadership role in fostering polymer materials and manufacturing, in conjunction with industrial and academic partners, researchers, and funding agencies. Dr. Gately holds a PhD in Biomedical Engineering.



### Keith Donahue

Mr. Donahue is the Vice President, Sales where he is responsible for balancing both sales and support needs for the company with customer requirements from the various market segments supported by Zumbach. Keith began his career with Zumbach in 1987 as a Field Service Engineer. He holds a B.S. in Electrical Engineering from Union College and an MBA from Villanova University.



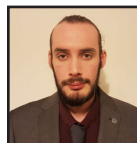
### Mihir Goradia

Mr. Goradia is a plastics engineer with more than 25 years of experience in injection moulding of industrial components and extrusion of medical tubings. Mihir has been with Teleflex Medical as a Staff Engineer in extrusions and catheter manufacturing areas since 2001. He holds a Masters degree in Biomedical Engineering from University of Limerick and a Masters in Management from Smurfit School of Business.



### Steve Maxson

Mr. Maxson is Vice President of Sales, Vascular Technologies for Spectrum Plastics Group. Prior to joining Spectrum, Steve served in various leadership roles at American Kuhne for more than 15 years, most recently as Director of Global Business Development. Steve has authored several technical articles on a range of topics related to polymer technologies and medical tubing extrusion for catheters and medical devices.



### Shane Isaac

Mr. Isaac is a Product Design Engineer with experience working in the medical device industry. Started working in Vante, a Machine Solutions Company, in the Applications Team in 2018. Focused on Product/Mold Design, process development, systems training, on site & remote support. Graduated in 2011 with a Bachelor of Engineering (B.Eng.) focused in Mechanical Engineering from Institute of Technology, Sligo.



### Bryan Mathias

Mr. Mathias is SYNEO's Director of Business Development, EMEA. Where he is responsible for providing information on the range of technical solutions offered by SYNEO. Bryan has an Electrical and Electronic Engineering background and has worked in the Medical Device manufacturing industry for over 20 years.



### Dominic Feeley

Mr. Feeley is European Business Development Manager with Compounding Solutions experience. Dominic has more than 20 years experience working medical tubing and catheter manufacturing in various technical and commercial roles. He holds a degree in Plastics Engineering from the University of North London (now London Metropolitan University).

# FAQ

## Who should come to Spotlight?

Spotlight is a technical conference hosted by American Kuhne 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. You'll walk away with knowledge, connections and memories.

## How much does Spotlight cost?

The registration fee is €325 per guest and includes drinks and dessert on September 1<sup>st</sup> as well as a continental breakfast, lunch, beverages, snacks during breaks and the reception on September 2<sup>nd</sup>.

## Is Spotlight registration limited? Will it sell out?

Spotlight is limited to 50 attendees. Register today to secure your spot.

## How do I register for the conference?

Send an email to [ghaines@grahamengineering.com](mailto:ghaines@grahamengineering.com) with "Spotlight Registration" as the subject. In the body of the email, include your name, company name and phone number. If you're registering for additional attendees, please also include their information and email address as well. Once confirmed, each will receive an email with payment instructions.

## 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?

Badges will be available on-site.

## Are there special hotel rates?

There are discounted rates at the host hotel. Call the hotel and ask for the Spotlight™ Medical Conference Rate.

### Clayton Hotel

Phone: +353 91 721 900

Rate: €105 B&B

## What are the best Airports for travel arrangements?

Galway, Ireland is accessible by 3 different airports.

**Dublin Airport (DUB)** - Approximate 2 hour drive

**Shannon Airport (SNN)** - Approximate 1 hour drive

**Cork Airport (ORK)** - Approximate 2.5 hour drive

## Will I receive copies of the presentations?

Presentations will be available after the conference via DropBox.