

Hosted By



# MICROSPHERE SUMMIT 2025

15th & 16th October - Liverpool, UK

**Programme**

## Microsphere Summit

Powder Systems Ltd (PSL) is delighted to once again be hosting the Microsphere Summit. This two-day event brings together developers of new drugs with specialist manufacturers in an interactive setting.

The Summit provides an impressive programme of conferences, workshops and training sessions and is the ideal forum for discussions, ideas, solutions and networking.

### Event Dates & Venues

**Day 1 : Conference**  
**15th October 2025**

#### Venue

**INNSIDE by Melia**  
43 Old Hall Street  
Liverpool  
L3 9PP  
United Kingdom



**Day 2 : Insight Workshops**  
**16th October 2025**

#### Venue

**Powder Systems Limited**  
8 Estuary Banks  
Liverpool  
L24 8RG  
United Kingdom

## Day 1 : Conference

Presentations on the following topics will be delivered by independent Industry experts. Q&A and networking opportunities will occur throughout the day and at a Drinks Reception afterwards.

### Welcome & Introduction

#### **Powder Systems Limited**

Sylvain Querol, Head of Business Development

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### Long-acting Injectables: Microsphere Design & Development Using Lactide/Glycolide-Based Polymers

#### **Ashland**

Patrick Duffy, R&D Team Lead

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### The Impact of High-Shear Rotor/Stator Systems on Microsphere Formation in Complex Formulations

#### **Kinematica**

Andreas Niens, CCO

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### Inline Particle Size Measurements and Control in Complex Microsphere Formulations

#### **Sopat**

Dr Mirco Wegener, Head of Sales & Marketing

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### Continuous Manufacture of Microspheres, using Crossflow Membrane Emulsification

#### **Micropore**

David Palmer, Technical Manager



## Day 1 : Conference

### Overcoming Manufacturing Challenges of Sterile Microsphere Drug Production

#### **Powder Systems Limited**

Sylvain Querol, Head of Business Development

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### A Roadmap for Production of Drug-Loaded Poly(Lactic-Co-Glycolic Acid) Microparticles: Challenges and Opportunities

#### **Novartis**

Dr Farshad Ramazani - Senior Expert Science & Technology

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### Robotic Transport and Filling of Microspheres: Ensuring Sterility and Product Integrity

#### **Romaco**

Philippe Sporen, Business Development Director Fill/Finish

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### A Solution to Long-Acting Injectable Formulation and Scale-Up Challenges

#### **Oakwood Labs**

Tracy Richey, PhD, Senior Director [Technology]

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### Standards for Injectable LG Polymer Microspheres used in Systemic and Local Drug Delivery

#### **U.S. Pharmacopeia (USP)**

Dr Ravi Kiran Kaja - Senior Principal Scientist

## **Day 2 : Insight Workshops**

Day 2 of the Summit takes place at PSL's HQ. It will include a tour of the facility, including PSL's Centre of Process Excellence (C.O.P.E). During the day, delegates can participate in interactive Process Workshops and Networking breaks, designed to provide opportunities for 1-1 discussions with Industry experts, tailored to your applications.

### **Welcome / Health & Safety Briefing**

#### **Powder Systems Limited**

Sylvain Querol, Head of Business Development

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### **Workshop 1 - Developing a Microsphere Process at R&D Stage & Scaling Up**

#### **Powder Systems Limited**

Peter Yates, Technical Manager

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### **Workshop 2 - Microsphere Creation and PAT**

#### **Kinematica**

Andreas Niens - CCO

#### **Sopat**

Dr Mirco Wegener - Head of Sales & Marketing

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### **Workshop 3 - Creating Robust Processes at Commercial Scale**

#### **Powder Systems Limited**

Christian Parker, Director of Engineering

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### **Workshop 4 - Microsphere Creation**

#### **Micropore**

David Palmer, Technical Manager

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### **Workshop 5 - Microsphere Production Control Through the use of Dynamic Imaging Technology**

#### **JM Canty**

Colin Dalton, Applications Engineer

## Meet the Speakers

PSL welcomes the following companies to the Summit. Speakers from each company will share their expertise and, along with the PSL team will be available during networking breaks to answer questions and expand on what their respective companies deliver.



**David Zermeno Pérez**

Business Development Manager

David Zermeno-Perez, is a Business Development Manager at Ashland, specialising in bioresorbable polymers. With a doctorate in Biomedical Sciences from UCD, Ireland, he combines deep scientific expertise with strategic acumen to drive innovation in life sciences. David leads initiatives that translate advanced biomaterials into commercial solutions improving patient outcomes.



*Ashland's bioresorbable polymers platform is a scalable and customisable technology with potential applications including long-acting injectables, advanced drug delivery for mRNA therapeutics, regenerative medicine, medical devices, and dermal fillers.*



**Andreas Niens**

CCO

Andreas Niens leads Kinematica, advancing Swiss-engineered homogenizing solutions across pharma, biotech, cosmetics, and food sectors. With a background in international business and scale-up coaching, Andreas focuses on enabling precision in microsphere formulation through innovation, partnership, and performance – helping customers bridge lab-scale discovery to full-scale GMP production.



*Kinematica provides advanced homogenizing solutions essential for creating uniform microspheres in complex pharmaceutical formulations and injectables, ensuring precise particle size control, reproducibility, and stability in drug delivery systems.*

# MICROSPHERE SUMMIT 2025



## **Dr Mirco Wegener**

Head of Sales & Marketing

Dr. Mirco Wegener is a chemical engineer from the Technical University of Berlin. After working for CSIRO Australia and Sulzer Chemtech Switzerland, he joined SOPAT, a leading provider of inline measuring devices with unique automated image analysis software, in 2016, where he now heads the Sales and Marketing department.



*SOPAT develops and sells photo-optical inline measurement technology that quantitatively analyzes particle size distribution in multi-phase systems. Its software delivers real-time particle characterisation for improved process monitoring and optimisation.*



## **David Palmer**

Technical Manager

David has spent the last 25 years working in the field of microencapsulation across a range of different industries. Currently the Technical Manager at Micropore, David assists clients to use their patented membrane emulsification equipment, to improve control of Microsphere particle size distributions and final product quality.



*Micropore Technologies utilise their patented membrane technology to effortlessly produce emulsions and microparticles with precisely controlled particle size distributions, from R&D to full manufacturing scale.*



## **Sylvain Querol**

Head of Business Development

Sylvain Querol has been supporting global pharmaceutical drug manufacturers with GMP advice for over 11 years. His expertise centres around the common manufacturing challenges associated with the aseptic production and processing of polymeric microparticle-based drugs.



*Powder Systems Limited (PSL) designs and engineers advanced technology to support process development. We help clients and partners address challenging manufacturing processes by providing fit-for-purpose solutions from our Microsphere Processing, Filtration and Drying ranges.*

# MICROSPHERE SUMMIT 2025



## **Philippe Sporen**

Business Development Director Fill/Finish

Philippe Sporen has been Business Development Director, Fill/Finish at ROMACO since 2024. With over 20 years' experience in sales and product management of injectable packaging machinery, he understands the pharmaceutical industry's technical and commercial needs. A French native, Philippe focuses on driving growth and delivering customer-centric solutions globally.



*Romaco Group delivers advanced processing and packaging technologies for pharmaceutical production. Their integrated solutions ensure precise, safe, and efficient primary filling and secondary packaging of powders, liquids, and microspheres.*



## **Dr. Farshad Ramazani**

Senior Expert Science & Technology

Dr. Farshad Ramazani works as a Senior Expert Science & Technology at Novartis pharmaceutical company, Basel, Switzerland. He has over a decade of experience in the R&D of parenteral drug delivery systems, with a particular focus on long-acting injectable formulations. Dr. Ramazani has played a pivotal role in developing several long-acting injectable systems that are currently in different clinical trials phases.

*Dr. Ramazan is actively engaged in academic work. He serves as a guest editor for the Journal of Controlled Release, focusing on long acting injectables, and teaches a PHD course on the same topic at the University of Geneva, reflecting his commitment to scientific education and mentorship. In 2021 and 2023 he was awarded TRD Culture Award for process development and GMP manufacture of a complex formulation in addition to the innovation award of the year 2016 at Novartis. In 2015 he completed his PhD in polymeric micro and nanoparticles for local drug delivery, Utrecht University..*



## **Dr Tracy Richey**

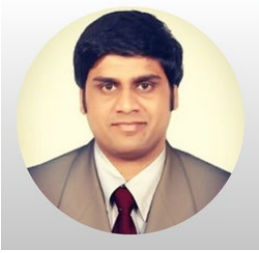
Senior Director, Technology

Dr. Richey is an expert on microparticle technology. She has decades of industry experience designing and developing controlled release systems from initial feasibility projects to scaled-up late-stage clinical assets. She has been with Oakwood since 2001 and has designed and prepared dozens of successful sustained release injectable formulations in her career. Dr. Richey has a Masters from Case Western Reserve University and a Ph.D from the University of Akron. Her post-doc work was completed at Kyoto University in Japan.



*Global CDMO providing end-to-end services for long-acting injectable (LAI) development. Offer R&D capabilities through use of our Chroniject™ technology and operate FDA-approved aseptic GMP facility for clinical & commercial manufacturing.*

## MICROSPHERE SUMMIT 2025



### **Dr. Ravi Kiran Kaja**

Senior Principal Scientist

Dr. Ravi Kiran Kaja has over 20 years of experience in Pharmaceutical Analytical Research, including pharmaceutical development, regulatory science, and compendial standards. His expertise spans Complex Formulation Characterization, Extractable & Leachable studies, Pharmaceutical Manufacturing, and Science and Technology as well as Technology Transfer. He believes that collaboration and knowledge sharing are key to advancing the industry.

*U.S. Pharmacopeia (USP)*



### **Colin Dalton**

Applications Engineer

Colin Dalton holds a masters in Physics from Trinity College Dublin. He has 15 years field and R&D experience in vision-based process instrumentation, for a wide range of industries including Pharmaceutical, Biotech, Chemical, Oil and Gas, Food and Mining.

**CANTY**  
PROCESS TECHNOLOGY

*Canty is a global leader in specialised process control equipment for pharmaceuticals and biotech. Products include vision-based particle analysis, (lab and inline), vessel lighting, sight glasses, process cameras, ensuring precise process monitoring and control.*

## Delegate Packages

**Conference Package**

**£195 / \$265 / €225**

**Wednesday 15th October 2025**

1 Day Package - Conference, Refreshments, Lunch and Cocktail Reception.

**Conference & Insight Workshops**

**£800 / \$1080 / €920**

**Wednesday 15th & Thursday 16th October 2025**

2 Day Package - Conference Package and Microsphere Process Insight Workshops.

- Each delegate attending the Microsphere Process Insight Workshops will receive a Certificate of Attendance
- A mutual Confidential Disclosure Agreement is required, signed with PSL to attend the workshops sessions

A full programme and venue details will be provided with the entrance ticket prior to the event. If you have any questions in the meantime, please email [summit@powdersystems.com](mailto:summit@powdersystems.com)

## Booking Details

- Conference Package Only – 1 Day
- Conference & Insight Workshops – 2 Days

## Delegate Information

\* Closing Date for Registration is **8<sup>th</sup> October 2025**

Company Name	
Address	
City	
Postcode	
Country	
Email Address	
Phone Number	
Company Reg. No.	
VAT / GST Reg. No.	

Title	First Name(s)	Last Name	Job Title	Email Address

## Payment

### Your Preferred Payment Method

- Cheque enclosed for £ (GBP) - Payable to Powder Systems Limited
- Bank Transfer/PayPal - Details supplied upon receipt of this document

### Invoicing Information

Please invoice my organisation for the attention of:

Purchase Number (if applicable):

Invoice Address (if different from delegate address):

## Terms and Conditions

Special terms for participation to the Microsphere Summit 2025

### 1. Venue, duration, opening hours

Venue: Powder Systems Limited  
Address: 8 Estuary Business Park, Liverpool UK, L24 8RG  
Date: 15th & 16th October 2025  
Opening Hours: 09:30 - 18:00.

### 2. Organiser

Powder Systems Limited  
8 Estuary Business Park,  
Liverpool, L24 8RG, UK  
Tel: +44 (0) 151 448 7741,  
Summit@powdersystems.com  
www.powdersystems.com  
UK Registration No. 2233044.

### 3. Contract terms

The terms for participation in the Microsphere Summit 2025 are the Special Conditions for Participation to the Microsphere Summit 2025, the PSL site regulations, the organisation (e.g. sponsor information), technical and other conditions notified to the sponsor before the Summit begins.

### 4. Delegates and entrance tickets

Admissible delegates to the Summit are holders of a valid entrance ticket provided by organiser. Tickets do not include travel or accommodation.

### 5. Payment conditions

Prices for attending the Summit, are set out in the relevant delegate registration booking form or on our website. Once a delegates booking is confirmed an invoice will be sent within ten (10) working days. Payment is due within 30 days from the invoice being issued. If a delegate registers for the Summit less than thirty (30) days before the date of the Summit, payment will be required immediately by bank transfer or PayPal unless PSL agrees otherwise in writing. All prices are in GBP, USD or EUR. Delegates acknowledge and accept that if payment is not made in accordance with this clause 5, admission to the Summit will be declined unless immediate payment is made.

### 6. Cancellations

Cancellations must be received in writing (Letter or email) and will be acknowledged via email or letter. Cancellations received before the start of the event, regardless of date booked will incur a 100% administration charge.

### 7. Modification

The organiser reserves the right to cancel, postpone or relocate the 2025 Microsphere Summit, to shorten or lengthen the Summit. Whilst the programme is correct at time of going to press, PSL reserves the right to change details of the Summit without notice. Alterations may occasionally be necessary due to circumstances beyond our control.

### 8. Disclaimer

Views expressed by speakers are their own. PSL disclaims any liability for advice given, or views expressed, by any speaker at the Summit or in any document provided to the delegates.

### 9. Privacy Policy

Professional photography and video production will be taking place at the Summit, and these images may be used on future promotional materials. Please note that by attending the event, you are giving your consent for your image to be used on any PSL promotional materials.

### 10. Health and Safety Notice

The Microsphere Summit will take place at the addresses outlined in section 1 (1. Venue, duration, opening hours). Upon arrival all delegates will be given a Health & Safety induction showing where the fire exits are and what to do in case of an emergency.

### 11. Delegates claims, written form, place of fulfilment, jurisdiction

All claims against the organiser must be made in writing. The statutory period of limitation begins on the last day of the Microsphere Summit 2025. Agreements that deviate from these or supplementary terms must be in writing.

This agreement shall be governed by and construed in accordance with the laws of England and Wales. The parties' consent to the exclusive jurisdiction and venue in the courts of England and Wales.

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*By submitting this form, you give your consent for [ PSL ] to use your data to process your enquiry and we may contact you by e-mail, phone or post for advertising purposes. You may revoke your consent at any time by informing [ PSL ].*