

# EuPAT 13

13th pan-European Science Conference on QbD & PAT

## Intelligent, Integrated and Autonomous Pharmaceutical Manufacturing: From Molecule to Medicine through Connected Platforms, AI and Self-Driving Technologies

September 28 - 30 • 2026 • Ghent • Belgium

<https://eupat.eufeps.org/>

The 13th pan-European Science Conference on QbD & PAT, in a joint effort with the annual CESPE Conference, will bring together researchers and professionals from across academia, industry, and regulatory bodies to explore the next generation of intelligent, integrated and autonomous pharmaceutical development and manufacturing. The conference will focus on how batch, mini-batch and continuous manufacturing platforms, combined with end-to-end integration, automation and digitalization, are shaping drug development and production. Particular emphasis will be placed on integrated development–manufacturing platforms, self-driving laboratories, and disruptive manufacturing concepts, including point-of-care and decentralized production technologies. Across three scientific sessions, an implementation-focused industry-led session, and a hands-on workshop, the program highlights next-generation sensors, advanced PAT tools, innovative QbD strategies and the application of artificial intelligence across the pharmaceutical lifecycle.



### Hosted by Ghent University

EuPAT 13 will be hosted by Ghent University and held at The Nucleus, a cutting-edge multifunctional building located at the heart of Tech Lane Ghent Science Park. Designed as a vibrant hub for innovation and collaboration, The Nucleus brings together researchers, entrepreneurs, and industry leaders in a dynamic environment that fosters interaction between academia and industry. Its modern infrastructure and central position within the science park provide an ideal setting for scientific exchange, networking, and partnership building.

### Visit Ghent for EuPAT 13

Ghent, one of Belgium's historic cities, combines medieval architecture with a vibrant modern atmosphere. A visit to Ghent is not complete without a stroll through the old town, where landmarks like Saint Bavo's Cathedral and Gravensteen Castle immediately catch the eye. Travelling to Ghent is convenient thanks to excellent rail connections with Brussels Airport and the rest of Belgium, as well as efficient public transport within the city.

Organised by



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## Program

### Monday, 28 September 2026

#### Morning - CESPE industry-focused session: PAT in Practice: Implementation Challenges, Measurable Impact and Real Outcomes

This session will be dedicated to the industrial use-cases of PAT, focused on the practical challenges of implementing PAT and its sustainability dimension: does PAT truly reduce environmental and operational footprint, and how can its impact be measured objectively?

By addressing both the potential benefits and the practical barriers to implementation, the session provides a realistic, end-to-end view that complements and sets the stage for EuPAT's focus on intelligent and autonomous manufacturing.

#### Afternoon – EuPAT/CESPE workshop

Join experts for a hands-on session designed to showcase the latest equipment and technologies used in pharmaceutical development and manufacturing. The workshop will feature demonstration booths by leading technology providers, including real-world case studies of PAT implementation and advanced process monitoring.

Participants will also have the opportunity to explore the new core facility in The Nucleus, offering an exclusive look at the advanced infrastructure supporting research and innovation.

#### Key dates

<b>15 Jun</b>	Abstract submission closes
<b>30 Jun</b>	Early bird registration closes
<b>1 Sep</b>	Registration closes
<b>28 Sep</b>	Workshop and CESPE session
<b>28 – 30 Sep</b>	EuPAT 13

### Tuesday, 29 September 2026

#### Session I: Next-generation sensors, advanced PAT tools and innovative QbD strategies

**Prof. Dr. Axel Zeitler** (University of Cambridge)

Terahertz Porosity Sensing for Disintegration Prediction

**Dr. Tom Van den Kerkhof** (Johnson & Johnson Innovative Medicine)

Control Strategies and Real-Time Release for Continuous Manufacturing: Case Studies

**Jan-Sebastian Uyttersprot** (Union Chimique Belge)

*Topic to be confirmed*

#### Session II: Integrated and autonomous pharmaceutical platforms

**Prof. Dr. Ossi Korhonen** (School of Pharmacy - University of Eastern Finland)

Continuous Direct Compression in Development of Dispersible Combination Tablet for HIV-positive Pediatric Patients

**Dr. Jérôme Mantanus - Dr. Efty Hadjittofis** (Union Chimique Belge)

Particle Engineering as an Enabler for Continuous Flow Processing

**Speaker to be confirmed**

*Continuous Manufacturing in Biologics*

### Wednesday, 30 September 2026

#### Session III: Artificial intelligence across the pharmaceutical lifecycle

**Prof. Dr. Daniel Markl** (University of Strathclyde)

From Material, Process, and Product Knowledge to the AI Formulator

**Prof. Dr. Kārlis Bērziņš** (University of Copenhagen)

Predictive Pharmaceutical Development and Process Intelligence through Low-Frequency Vibrational Spectroscopy

**Speaker to be confirmed**

*Regulatory Perspective on the Use of AI for Pharmaceutical Process Monitoring and Control*

## Conference Social Events

**Monday, 28 September, starting at 16:00**  
After-workshop networking reception at The Nucleus

**Tuesday, 29 September, starting at 18:00**  
Reception and a three-course dinner at Saint Peter's Abbey

## Registration & Abstract Submission

Participants can register for the EuPAT13 conference with the option to include the CESPE add-on on 28 September which provides access to an additional industry-focused morning session and networking lunch. It also creates additional networking opportunities between CESPE and EuPAT participants, including a dedicated social event after the workshop.

Registration is now open – Click [here](#) to register for the event. Early bird rates apply until June 30th. Registration fees are non-refundable after August 1, 2026; however, transfer of your registration to another person is permitted.

To submit your abstract for an oral or poster presentation, visit the [abstract submission page](#).

Registration type	Early Bird	Regular (from 30 June)	CESPE add-on*
Students	250 EUR	350 EUR	50 EUR
Academia (EUFEPS members)	450 EUR	550 EUR	100 EUR
Industry (EUFEPS members)	650 EUR	750 EUR	150 EUR
Academia (non-members)	500 EUR	600 EUR	150 EUR
Industry (non-members)	780 EUR	880 EUR	220 EUR

All prices include VAT.

\*Registration for only the 1st day (CESPE session, workshop, and reception) is possible

## Location

### Conference – Workshop

The Nucleus, Tech Lane Science Park Ghent  
Suzanne Tassierstraat 11, 9052 Ghent, Belgium

### Conference dinner

Saint Peter's Abbey  
Sint-Pietersplein 9, 9000 Ghent, Belgium

## Hotel Information

To benefit from the conference rate, reservations must be made using the designated booking link or by emailing the hotel directly with the discount code. Rates are subject to availability.

Hotel	Area	Reservation
Ibis Gent Centrum		<a href="mailto:Sveinhildur.torfadottir@ibis-gent.com">Sveinhildur.torfadottir@ibis-gent.com</a> using code "EUPAT13MTS"
1898 The Post		<a href="mailto:reservations@1898thepost.com">reservations@1898thepost.com</a> using code "EUPAT2026"
Hotel NH collection		<a href="#">Hotel NH collection booking link</a>
Hotel Carlton		<a href="mailto:info@cartlontgent.be">info@cartlontgent.be</a> using code "EUPAT13MTS"
Hotel Chamade		<a href="mailto:info@chamade.be">info@chamade.be</a> using code "EUPAT13"
Van der Valk Hotel Gent		<a href="#">Van der Valk booking link</a> using code "GET-EUPAT2026"
Holiday Inn Express & Suites		<a href="#">Holiday Inn booking link</a>
Courtyard By Marriott		<a href="#">Courtyard By Marriott booking link</a>
Residence Inn by Marriott		<a href="#">Residence Inn by Marriott booking link</a>

