

**Sustainable  
Nancy 2025**

**SECF**  
Société des Experts Chimistes de France



**Edith Lecomte**  
**IPSOMEDIC**  
CEO

« Industrial Relocation: Constraints and Methodology – A Case Study on Paracetamol »



**Flavien Susanne**  
**Astrazeneca**  
VP Chemical Development

« Factory of the future: how new manufacturing for the pharmaceutical industry will enable a sustainable industry »



**David Moore**  
**Merck KGaA**  
Senior Project Manager

« From Ideas to Impact: SMARTfacturing Capabilities that Enhance Sustainability and Lean Operations in the Chemical and Pharmaceutical Industry »



**Patrick Cléret**  
**France Chimie**  
Technical Director

« What does French chemistry offer to meet the challenges of today and tomorrow: decarbonization, optimized water management, circular economy, recycling, CSR and fierce competition ? »



**Willi Meier**  
**AIChE**  
General Manager Europe

« Application of Generative AI and AI Agents in sustainable Process and Product Development »

## Finalised program

as of June, 6th, 2025

**Ensic, Université de Lorraine  
Nancy, France, July 1-2**

**#1 Eco-Chemistry  
for sustainable products®**

**#2 Sustainable  
pharmaceutical Industry**

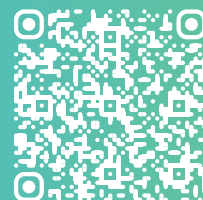
**FOR MORE INFORMATION :**  
**secf-sustainable-nancy.com**



Registrations are still open !

**REGISTER**

**REGISTER  
NOW**



We are pleased to invite you to the upcoming **Symposium on Chemical and Pharmaceutical Chemistry**, taking place in **Nancy, France**, organized under the umbrella of **SECF Sustainable Chemistry**.

More information can be found on the official event website:  
[www.secf-sustainable-nancy.com](http://www.secf-sustainable-nancy.com)

This symposium comes at a critical moment for Europe. The competitiveness of our chemical and pharmaceutical industries is being increasingly challenged by global players, particularly from **China and the United States**. If Europe is to remain at the forefront of innovation and industrial strength, we must act strategically, boldly, and collaboratively.

The event in Nancy aims to gather thought leaders, industry experts, researchers, and policymakers to **develop new ideas, strategies, and networks** that can help secure the future of our industries.

We warmly encourage your participation—your expertise and vision are needed to help shape a resilient and innovative European response.

We look forward to welcoming you in Nancy.

The organizers

Organized by



Sponsoring and support

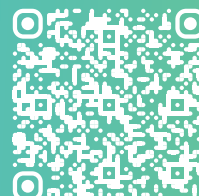


## How to register ?

For any questions, you can  
contact UL Propuls at  
+33 3 72 74 37 14

Go to :  
<https://www.secf-sustainable-nancy.com/registration/>

Or scan this QR code



# #1 Eco-Chemistry for sustainable products®

- **Date** : 1st July 2025
- **Location** : ENSIC, Université de Lorraine

## 08:45 – Opening Speech

Jean-Pierre Dal Pont, SECF President | Alain Durand, ENSIC Director

## Session 1 : Managing Risks

How to deal with evolving regulations and uncertain market trends ?

09:00 – 9:45 – Patrick Cleret, France Chimie

« What does French chemistry offer to meet the challenges of today and tomorrow: decarbonization, optimized water management, circular economy, recycling, CSR and fierce competition ? »

9:45 – 10:15 – Philippe Lemaire, Total Energies & Alain Lombard, Allotoxconsulting

« Issues of daily individual exposure to substances »

10:15 – 10:45 – Natalia Quisel, Véolia

« Chemical Transition Pathway using Safe and Sustainable by Design (SSbD) approach »

10:45 – 11:05 – Coffee break

## Session 2 : Reducing impacts

Tools & Methodologies for Sustainability Assessment

11:05 – 11:45 – Olivier Talon, Materia Nova

« Eco-design of innovation – How to use Life Cycle Assessment tools along the TRL scale? »

11:45 – 12:20 – Christophe Calais, Arkema

« Life Cycle Assessment: measure better to better reduce »

12:20 – 13:50 – Lunch Break

## Session 3 : Creating opportunities

AI | Bio-inspiration | New Catalysis for Sustainable Innovation

13:50 – 14:20 – Adrien Saint-Sardos, Ceebios

« Biomimetism: a materials science inspired by living beings »

14:20 – 14:50 – Philippe Marion, Syensqo

« Sustainable chemistries from renewable resources: an industrial perspective »

## Session 4 : AI

14:50 – 15:30 – Willi Meier, AIChE

« Application of Generative AI and AI Agents in sustainable Process and Product Development »

*Other speakers to be announced*

## Session 5 : Demonstration of success stories or usage cases

Demonstrative examples of sustainable and profitable innovations

15:30 – 16:00 – Vincent Gourlaouen, Air Liquide

« Carbon dioxide based wastewater treatment: a sustainable alternative to mineral acids »

16:00 – 16:20 – Coffee break

## Session 6 : Round table on sustainability culture dissemination

16:20 – 17:00 – Alain Durand, Chair round table

« Chemical engineering future at the transition period »

## Closing session

17:00 – 17:40 – Valérie Lucas & Guy-Noël Sauvion round table

« Eco Chemistry of the future : Chemistry and Pharmacy Synergies »

Exchange with the audience

Gala Dinner

# #2 Sustainable pharmaceutical Industry

- **Date** : 2nd of July 2025
- **Location** : ENSIC, Université de Lorraine

## 08:45 – Opening Speech

Jean-Pierre Dal Pont, SECF President | Isabelle Chevalot, LRGP co-director & Alain Durand – ENSIC

## Session 1 : Engineering Innovations & the Future of Manufacturing

09:00 – 09:40 – Flavien Susanne, *AstraZeneca*

« Factory of the future: how new manufacturing for the pharmaceutical industry will enable a sustainable industry »

09:40 – 10:30 – Edith Lecomte, *IPSOMEDIC*

« Industrial Relocation: Constraints and Methodology – A Case Study on Paracetamol »

10:30 – 10:50 *Coffee break*

## Session 2 : Sustainability in Industrial Pharmacy

10:50 – 11:30 – David Moore, *Merck KGaA*

« From Ideas to Impact: SMARTfacturing Capabilities that Enhance Sustainability and Lean Operations in the Chemical and Pharmaceutical Industry »

11:30 – 11:55 – Michael Luescher, *Novartis*

«Data driven decision making towards sustainable process development »

11:55 – 12:20 – Mongi Sakly, *Cabinet Sakly*

« Reverse Engineering a new approach to efficient and innovative project management – Case study ; Clean Rooms »

12:20 – 12:45 – Wouter Biesemans, *Ajinomoto*

« CDMO as a sustainable partner in the Net-Zero journey »

12:45 – 13:50 – *Lunch break*

## Session 3 : Process Improvement & Intensification

### Advanced separation technologies

13:50 – 14:15 – Laurence Pegon, *Novasep-AXPLORA*

« Dare to use preparative chromatography at industrial scale for your API »

### Process/reaction modelling et simulation

14:15 – 14:40 – Lucrèce Nicoud, *Ypso-Facto*

« Towards Greener Oligonucleotide Production using Mechanistic modeling »

14:40 – 15:05 – Marc Winter, *Corning*

« Enabling Scalable Process Intensification through Flow Chemistry: Insights from Industrial Cases »

14:40 – 15:05 – Céline Loubière, *CNRS*

Presentation of industrial integrator MTInov, This platform for studying, optimizing and scaling up the production of cell-based biomedicines, boasts expertise in cell culture in stirred bioreactors (on-line monitoring, intensification, bioreactor modeling and design), as well as in transfer to clinical grade in compliance with Good Manufacturing Practices (GMP).

## Session 4 : Artificial Intelligence in Pharma

15:05 – 15:30 – Dimitrios Meimaroglou, *LRGP*

« Addressing the challenges of molecular property prediction from a Machine Learning perspective »

15:30 – 16:00 – *Coffee break*

## Closing session

16:00 – 17:00 – Edith Lecomte & Flavien Susanne round table

«The Future of Pharmaceutical Industry»

Exchange with the audience

Final conclusion