



June 26-28, 2023 | DECHEMA-Haus | Frankfurt am Main, Germany

2023 PDS Europe - MANUFACTURING OF THE FUTURE A NEW VISION FOR PROCESS & PRODUCT DEVELOPMENT

The Process Development Symposium (PDS) series aims to give participants a forum to exchange wisdom, knowledge tips, and personal experiences in the development and scale-up of chemical, petrochemical, biochemical, pharmaceutical, food and related products and processes. The product is the “raison d’être” of Enterprise.

Digitalization, climate change, and rising material and energy prices pose enormous challenges for process and product design. PDS will provide an overview of the current state of developments, offer opportunities to exchange ideas with the experts about current tasks in your company, and bring about discussion on how to approach rising process and product development challenges moving forward.

CALL FOR PROPOSALS TO PRESENT

The Committee invites any prospective presenters to submit an abstract for consideration through the online Call for Abstracts.

Submission Deadline: February 28, 2023

aiche.org/PDSEurope/CfA

CONFIRMED PLENARY SPEAKERS (AS OF JANUARY 31)

Jens Perregard

Vice President Custom Catalysts and Innovaton, BASF

Ignasi Palou-Rivera

Chief Technology Officer, RAPID, Manufacturing Institute

Ismahane Remonnay

Global Regulatory Affairs Director, Veolia

MEETING PROGRAM CHAIR

Jean-Pierre Dal Pont

*Société des Experts Chimistes de France (SECF)
French Society of Chemical Experts*

STEERING COMMITTEE

Ulrich Bröckel

Umwelt-Campus Birkenfeld

Christophe Castel

University of Lorraine

Mathieu Cura

Optimistik

José Fonseca

Covestro Deutschland AG

Rafiqul Gani

PSE for SPEED Company

Vanessa Gepert

Air Liquide

Piet Huizenga

Shell Global Solutions International B.V.

Philippe Jacques

University of Liège

Seyed S Mansouri

DTU

Mayank Patel

Siemens PSE

Ismahane Remonnay

Veolia

Mongi Sakly

Cabinet SAKLY Engineering and Consultancy

Levente L Simon

DSM Nutritional Products Ltd.

Flavien Susanne

Sanofi

Pieter Swinkels

TU Delft

Gerhard Wagner

DSM Nutritional Products Ltd.

Edwin Zondervan

University of Twente

Learn more about PDS Europe 2023 at aiche.org/PDSEurope

ORGANIZED BY





June 26-28, 2023 | DECHEMA-Haus | Frankfurt am Main, Germany

SYMPOSIUM TOPICS & THEMES

The symposium will include, but is not limited to, the following themes and topics applied to process developments in the chemical, petrochemical, biochemical, pharmaceutical, food and related industrial sectors:

- ✓ Use of digital transformation for the development of sustainable manufacturing processes
- Including digital twins & digitalization of in-house knowledge
- ✓ Use of machine learning, artificial intelligence, data analytics for the development of smart and reliable manufacturing processes
- Including intelligent systems and quality by design
- ✓ Use of systematic synthesis, design, optimization methods for innovative product & process development
- Including sustainable production and consumption and innovative processes

PROSPECTIVE TECHNICAL SESSIONS & TOPICS (AS OF JANUARY 31)

- ✓ **Laboratory of the Future**
Chair: Gervaise Yvon, CEO Expert Sciences
- ✓ **Manufacturing of the Future**
*Chairs: Mongi Sakly, CEO Cabinet Sakly Engineering and Consultancy
Flavien Susanne, Head of Process Development & Clinical Manufacturing Sanofi*
- ✓ **Energy Transition**
Chair: Vanessa Gepert, Group Manager Process & Chemical Engineering Air Liquide
- ✓ **Artificial Intelligence**
Chair: Levente L. Simon, DSM
- ✓ **Bioprocessing and System Biology**
Chair: Philippe Jacques, Professor University Liège
- ✓ **Impact of Product on Health and Environment – Importance of Toxicology**
Chair: Alain Lombard, CEO Allotox, Philippe Lemaire, TotalEnergies
- ✓ **Product Design – Stewardship**
Chair: Ismahane Remonnay, Global Regulatory Affairs Director Veolia
- ✓ **Project Engineering**
Chair: Mongi Sakly, CEO Cabinet Sakly Engineering and Consultancy
- ✓ **Flow Chemistry**
Chair: Flavien Susanne, Head of Process Development & Clinical Manufacturing Sanofi
- ✓ **Process Synthesis: New Tools and Applications**
Chair: Christophe Castel, Professor, Université de Lorraine, France

Learn more about PDS Europe 2023 at aiche.org/PDSEurope

ORGANIZED BY