



## PDS 26 Wrap Up

PDS 26 delivered on all its promises — and went even further. The webinar was opened by Frédéric Gauchet, President of France-Chimie (the French Association of Chemical Manufacturers).

It brought together more than **120 participants** from major corporations, small businesses, start-ups in the chemical, pharmaceutical, and general product industries, as well as representatives from academia.

This edition offered a unique opportunity to assess how **AI adoption** is progressing across multiple domains, including molecular design, process simulation and control, manufacturing, project engineering, decision-making, education, systems analysis, and analytical sciences.

The central question was no longer *whether* AI will change the role of process engineers, but *how, how fast, and with what consequences*.

### Key Takeaways from PDS 26

- **Rapid AI development** — AI is advancing quickly across many fields, but the proliferation of tools may actually slow down adoption if organizations struggle to choose, integrate, or standardize them.
- **Data quality and diversity** — Access to large and diverse datasets is essential. The quality of data directly determines the relevance and reliability of AI-generated results and must receive the highest level of attention.
- **Professional adoption** — Human adoption of AI remains a major limiting factor. Tailored training programs that account for human factors should be implemented across all types of organizations.
- **Human expertise** — Human expertise must remain central. When properly adopted, AI becomes a powerful competitive advantage and a key driver of performance.
- **What's Next?**

SECF and Paris-Dauphine now have a strong foundation to continue pursuing their core objective: providing companies and institutions with tools and new development approaches to improve every step of the value chain.

Several avenues may be explored:

- **Customized support** in specific technical or organizational fields
- **New or enhanced working groups** to address emerging challenges
- **Open collaboration** with professionals from both academia and industry who wish to contribute to building a sustainable and profitable industrial ecosystem

Do not hesitate to contact us at <mailto:contact@secf-expertschimie.org>.

And get ready for **PDS 27!**

The Organising Committee