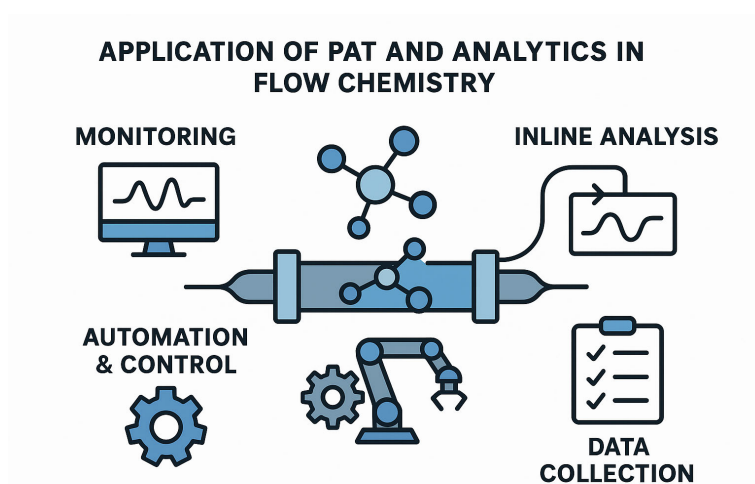


Workshop: Application of PAT in Flow Chemistry

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Transitioning a reaction from batch to flow often presents significant challenges - not only from a chemical and process-development perspective, but also in terms of analytics. Conventional in-process controls, such as taking manual samples for TLC or HPLC/GC analysis, are no longer straightforward in a continuous setup.



In this workshop, we will introduce various approaches and techniques for implementing online/PAT analytics in continuous processes. We will also discuss case studies that highlight analytical strategies and synthetic applications in flow chemistry. An interactive group discussion will follow, providing space to address practical challenges, share experiences, and explore participant questions

- [1] M. Rodriguez-Zubiri, M., Felpin, F.-X., *Org. Process Res. Dev.* **2022**, *26*, 1766–1793.
- [2] Sagmeister P., Lebl R., Castillo I., Rehl J., Kruisz J., Sipek M., Horn M., Sacher S., Cantillo D., Williams J.D., Kappe C.O., *Angew Chem Int Ed Engl.* **2021**, *60*, 8139-8148.