



FKITMCMXIX



2023 HSKIKI WORKSHOP

Process Analytical Technology (PAT) for Real Time Control

March 30, 2023, 14:30
Rovinj, Croatia
Lone Meeting Room 4



Workshop Summary

Process analytical technology (PAT) covers a range of tools for effectively monitoring of reaction paths which leads to a better understanding and development of more robust and safe processes. It is an important component of innovative initiatives such as Quality by Design (QbD), Quality by Control (QbC), real-time release and continuous manufacturing. Over the years, PAT has been developed based on various spectroscopic techniques and has proven versatile for chemical processes monitoring and real-time control.

This workshop will address the practical aspects of PAT application and provide participants with a comprehensive understanding of its functionality and its limitations. In the first part of the workshop industry partners will demonstrate the benefits of using PAT in their respective fields. Second part of the workshop will feature two case studies of the PAT development and application in advanced process control. The end of the workshop is reserved for networking.

This workshop is intended for researchers and practitioners in the field of chemical engineering - pharmaceuticals and fine chemistry who are interested in learning about the latest developments in chemometrics and process control. Overall, this workshop will offer attendees with a unique opportunity to gain a comprehensive understanding of PAT as a tool of ensuring high product quality.



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