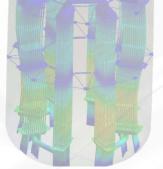# EKATO

ADVANCED PROCESS SOLUTIONS

Numerical Methods CFD / FEA

Numerical Tools deliver a perfect insight into the mixing process, long before the plant goes onstream

Webinar

📅 **November 17, 2022**	🕘 **9.00 – 09.45 am (CET)**	💰 **Free of charge**

Computational Fluid Dynamics (CFD)

- **Flow visualization in large reactors**
- **CFD as a valuable scale-up tool**

Finite Element Analysis (FEA)

- **Visualization of mechanical loads**
- **Mechanical evaluation of agitator / vessel / internals**

Examples

Objectives

With computational fluid dynamics (CFD), it is possible to gain precise insights into the fluid dynamics at the impellers and vessel internals, as well as over the entire reactor. The Finite Element Method (FEM) significantly facilitates the evaluation of mechanical loads. As an additional side effect, these circumstances can be presented very clearly by appropriate visualization tools.

In this webinar we want to show how we can make use of these methods. For this we will introduce some examples from successful projects.

Target Group

General managers, process engineers, R&D specialists, production managers, buyers, project managers as well as anyone interested in process development, equipment engineering and production improvement.

Register here ›