

# ROSCon FR&DE 2025

## WORKSHOPS

Workshop Title	Build, Integrate, and Scale Robotic Solutions
Names of principal instructors	Florian Gramß / Manuel Kreutz (Siemens AG)
Number of supplementary instructors	0
Maximum of participants	10
Language	English
Workshop duration	4h
Required material	No material required
Skills required for participants	Intermediate

Brief description	<p>This technical workshop delivers hands-on expertise in developing sophisticated robotic solutions for industrial applications through three detailed modules focusing on advanced robotic manipulation using the ROS 2 library</p> <p>ManyMove (based on BehaviorTree),</p> <p>integrating operating technology assets into ROS 2 systems with industry proven Programmable Logic Controllers (PLC), and the difficulties to bring the complete setup to the shopfloor including scalability.</p> <p>Participants will acquire practical knowledge and technical competencies essential for developing adaptable ROS 2 automation solutions in industrial environments by using our hardware setups.</p>
-------------------	---