

Posters Overview

Research Focus Area	Poster title	Autor	Academic Setup (PhD / MSc)
Sustainability Research	Prediction of Drug Stability by Modeling the Diffusion Processes of Water in Tablet Blisters	Jan Pech	PhD
Sustainability Research	Effect of Blister Packaging on Moisture Uptake of Pharmaceutical Drug Products	Jan Pech	PhD
Sustainability Research	Machine Learning Aided In-line Integrity Testing of Pharmaceutical Blister Packages	Anna Marton	
Sustainability Research	Landscaping: Degradation of per- and polyfluoroalkyl substances (PFAS)	Timo Koenigsmann	
Sustainability Research	Landscaping: Energy Recovery from Process Waste Water	Timo Koenigsmann	
Sustainability Research	Material Flow Identification for Integrating Agricultural-Based Chemicals with Bioeconomic Considerations	Philipp Bertelsmann	MSc
Sustainability Research	Absorption of Polar Pesticides to Soil Reactive Surfaces	Bram Geysels	PhD
Sustainability Research	Towards an Improved Fate Assessment of Microplastics: Inclusion of Specific Analysis and Abiotic Degradation in Regulatory Tests	Eva-Maria Teggers	PhD
Sustainability Research	The Future of Process Plants: Digitalization & Data Management	Maja Diebig-Lorenz, Jan Wiggeshoff	
Sustainability Research	Thermal Energy Supply of the Future in Chemical Multi-Purpose Plants	Jan Tum	MSc
Smart Automation	RoX - Modular, Easy to Teach and Robust Skill Execution for a Mobile Laboratory Robot	Venkata Miriyala	MSc
Smart Automation	Automated Viscous Substance Dosing - Proof of Concept	Vanessa Franco	MSc
Smart Automation	Multi-Purpose Lab Robot - System Development & Implementation	Rugved Jabade, Keerthibaalan Thiruvalluvan	MSc
Smart Automation	Chemspeed Feasibility Study for QA Analysis	Shantanu Waliokar	MSc
Smart Automation	ERASMUS + program - Cross-Academic Collaboration	Jan Wiggeshoff	
Smart Automation	Ethernet-APL together with INVITE	Jan Wiggeshoff	
Smart Automation	NOA (Namur Open Architecture)	Alexander Demich, Jan Wiggeshoff	MSc
Formulation Technology	 Nano Spray Drying RNA LNPs - Promising but Challenging	Katrin Wiebe	PhD
Formulation Technology	 Evaluation of mannitol/sodium starch glycolate based inks for semi-solid extrusion of tablets	Christopher Mentrup	PhD
Formulation Technology	The Influence of Tableting Speed on the Prediction of Compressibility	Isidora Vuckovic	PhD
Formulation Technology	Preparation of Indomethacin Nanoparticles by Wet Milling	Stephanie Scheele	PhD
Formulation Technology	Untangling "Dissolved" Drug Species from Various Formulations of a Poorly Soluble Drug: Sampling Methods, Mechanistic Insight, And IVIVC	Jakob Lynnerup	PhD