

PROGRAM

09:00 09:30	Registration	
09:30 10:00	What is new in version 2026?	Teresa Neves Simulflow
10:00 10:30	Live demonstration of the new features I	Inês Domingues Simulflow
10:30 11:00	Coffe break	
11:00 11:30	Live demonstration of the new features II	Inês Domingues Simulflow
11:30 12:00	How do you simulate using machine mode?	Pedro Lopes Simulflow
12:00 12:30	Simulation using Moldex3D in systems integration	Hélder Cordeiro Plasdan
12:30 13:45	Lunch	
13:45 14:30	ROCTOOL Technology: How Heat&Cool Processes Can Improve Your Molding Performance	Luís Ribeiro Roctool
14:30 15:30	Discrepancies in injection pressure between actual conditions and simulation	Pedro Lopes Simulflow
15:30 16:00	Methodology for simulating warpage in overmoulded parts with natural wood veneers in Moldex3D	Carolina Cadilhe PIEP
16:00 16:15	Coffe break	
16:15 16:45	Reducing Risk, Optimising Processes: Moldex3D in Medical Components	Alberta Coelho e Paulo Pereira Muroplás
16:45 17:15	AOI - Automation, Optimization and Intelligence - the future of simulation (in english)	Bella Kuo Coretech
17:15 17:30	Closure	

Biography

Luís Ribeiro - Roctool

CAD Engineer at Roctool Background: Mechanical Engineering | Former Project Leader in Toolmaking

Hélder Cordeiro - Plasdan

Mechanical Engineer with over two decades' experience in the mould and plastics processing industry, working in the fields of mould design, CAE simulation, product development and research & development. He is part of PLASDAN Automação e Sistemas, where he works in the areas of computational simulation, mould design and the development of solutions for injection moulding processes. Throughout his career, he has specialised in the use of simulation tools applied to the analysis and optimisation of injection moulding processes, notably using Moldex3D, including applications in hot runner systems, overmoulding, multi-component processes and co-injection.

Carolina Cadilhe - PIEP

She holds a Master's degree in Polymer Engineering from the University of Minho, where she also completed her bachelor's degree in the same field. She began her professional career at the Polymer Engineering Innovation Centre (PIEP), where she undertook her Master's thesis. She currently works as a Senior Technician in the field of advanced polymer manufacturing processes, participating in research, development and technological innovation activities

Alberta Coelho - Muroplás

Head of Innovation & Development and R&D at Muroplás. Alberta Coelho is a member of the Technical Management Team at Muroplás, where she is responsible for the Innovation & Development and R&D departments, at a company specialising in the development and manufacture of plastic components for medical devices. She holds a Master's degree in Polymer Engineering and has spent her entire professional career working in the field of medical devices, gaining experience in product development, engineering, moulds and injection moulding technologies, industrialisation and process optimisation. As part of his role, he coordinates multidisciplinary development and innovation projects, fostering collaboration between Engineering, Production, Quality and Automation, with a focus on technological innovation, continuous improvement and the development of distinctive solutions for the medical devices sector.

Paulo Pereira - Muroplás

R&D Engineer, Muroplás. He holds a Master's degree in Polymer Engineering and is a PhD student on the Polymer and Composite Science and Engineering programme, with a thesis entitled "Integration of Additive Manufacturing in the Development of Hybrid Moulds", where he is conducting research into the manufacture of hybrid moulds using additive manufacturing, utilising numerical simulation tools. Throughout his professional and academic career, he has participated in various national and European research projects, covering different areas of Materials Science and Plastics Processing Technologies. He is currently in charge of the injection moulding process simulation unit within Muroplás's R&D Department, where he develops and applies simulation tools for the analysis, optimisation and development of processes and products. He also has experience of collaborating with various industrial sectors, notably the automotive, medical and healthcare, and consumer goods industries.
