

Basic course on aluminium extrusion

WPC25 VITRINTEC, 25 September 2025

08:00	Welcome words Rudolf Kenig
08:15	Dr inż. Jacek Madura Overview of aluminium extrusion technology
09:00	Paul Mordvintsev From the sketch to the quench: optimizing efficiency across the aluminium extrusion lifecycle
09:30	Dr inż. Jacek Madura Speed-up the extrusion tooling design. Automated optimization and latest enhancements
10:00	Dr inż. Jacek Madura Paul Mordvintsev Ivan Kulakov (online) Dmitry Sokolov (online) Master class and live demonstration of aluminium extrusion cases Cloud licenses for QForm UK Extrusion software and all materials and cases are available for all participants
11:30	The final discussion and transition to the opening of the WPC 25 conference

Targets:

- Mastering modern capabilities for extrusion process design and optimization
- Obtaining knowledge on tool optimization through simulation result analysis
- Acquiring basic skills in modern design and simulation software
- Studying the principles of preparing input data for extrusion process simulation
- Developing skills in analyzing simulation results