

Technical Workshop Programme

Wednesday, 4 February

Experts from PLM Group, the official SolidWorks distributor in Latvia and Estonia, together with mentors from Ventspils University of Applied Sciences, University of Tartu, Tallinn University of Technology, Latvian Institute of Aquatic Ecology, Riga Technical University, and the University of Latvia, will present applied modelling and simulation techniques with a focus on real-world engineering and maritime technology use cases.

10:00 – 10:30	Registration & Welcome Coffee
10:30 – 12:00	<p>Lectures: Physical Modelling for Engineering Applications</p> <ul style="list-style-type: none"> - Introduction to physical process modelling - CAD-based modelling and multiphysics simulations with SolidWorks - Use cases for marine technology, energy systems, and hydrogen technologies
12:00 – 13:00	Lunch Break
13:00 – 17:00	<p>Live Demonstrations: Practical Implementations Hands-On Activities & Use-Case Examples</p>
17:00 – 19:00	Discussion, Coffee & Networking

Thursday, 5 February

Day 2 features industry and research success stories, incubation pathways, and practical demonstrations showing how early-stage research can be scaled to real-world applications using advanced modelling and simulation tools.

08:30 – 09:00	Morning Coffee & Debriefing
09:00 – 12:00	<p>Lectures & Demonstrations: From Research to Market</p> <ul style="list-style-type: none"> - Success stories of deep-tech development - Transition from low TRL to market - Role of physical modelling in cost and risk reduction
12:00 – 13:00	Lunch Break
13:00 – 15:30	Lectures & Demonstrations: Continued
16:00 – 17:00	Wrap-Up, Discussion & Networking

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