CaviPRO MSCA Doctoral Network

Modelling, Control and Applications of Hydrodynamic Cavitation

Training School 2: Application of Cavitation Phenomena

Dates: 30 March – 1 April 2026
Venue: Online via Zoom – Central European Summer Time (CEST)
Host: Matevž Dular – Matevz.Dular@fs.uni-lj.si
Co-Host: Pietro Rando – pietroagostino.rando@intercos.com

Day 1 – Monday, 30 March 2026: *Scientific Progress - DC Presentations*

Time	Session	Format	Lead
Zoom: https://uni-lj-si.zoom.us/j/9895653118			
08:45–09:00	Connection of participants		All
09:00–09:15	**Welcome and project updates**	Plenary	Coordinator, ULJ
09:15–10:45	**DC progress reports – WP2 (30 min each incl. Q&A)**	Presentation	DC1–3
10:45–11:00	Break		
11:00–12:30	**DC progress reports – WP4 (30 min each incl. Q&A)**	Presentation	DC8–10
12:30–13:30	Lunch break		
13:30–15:30	**DC progress reports – WP3 (30 min each incl. Q&A)**	Presentation	DC4–7
15:30–15:45	Break		
15:45–16:45	**Supervisory Board meeting**	Closed session	PIs, APs, DCs

Day 2 – Tuesday, 31 March 2026: *Wastewater, Chemicals & Transferable Skills*

Time	Session	Format	Lead
Zoom: https://uni-lj-si.zoom.us/j/9895653118			
08:45–09:00	Connection of participants		All
09:00–09:45	**Advanced oxidation processes in water treatment**	Lecture + Q&A	HZDR
09:45–10:30	**Wastewater treatment applications**	Lecture + Q&A	AIR
10:30–10:45	Break		
10:45–11:30	**Intensifying organic reactions – recent advances**	Lecture + Q&A	UNITO
11:30–13:00	Lunch break		
13:00–15:00	**Equality & diversity: Unconscious bias, gender diversity, and women in academia & engineering**	Interactive workshop	ETHZ
15:00–15:15	Break		
15:15–16:00	**Industry trends in cosmetics manufacturing**	Lecture + Q&A	CRB
16:00–16:15	**Concluding remarks and wrap-up**	Plenary	Coordinator

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement **No 101113564**.

Day 3 – Wednesday, 1 April 2026: *Demonstrations & Industry Perspectives*

Time	Session	Format	Lead
	Zoom: https://uni-lj-si.zoom.us/j/9895653118		
08:45–09:00	Connection of participants		All
09:00–09:15	**Introduction to demo updates and spin-out concepts**	Plenary	Demo leads
09:15–09:50	DEMO 1 – Wastewater treatment (incl. business case)	Demo + Q&A	TUD, AIR
09:50–10:25	DEMO 2 – Cavi-crystallisation (incl. business case)	Demo + Q&A	ULM, PFZR
10:25–10:40	Break		
10:40–11:15	DEMO 3 – Liquid–liquid reactions (incl. business case)	Demo + Q&A	UNITO, CRB
11:15–11:50	DEMO 4 – Biomass valorisation (incl. business case)	Demo + Q&A	ULM, BIO
11:50–12:00	Break		
12:00–12:45	**Andritz: Virtual test centre tour**	Virtual tour	AND
12:45–13:45	Lunch break		
13:45–14:30	**Paques: Potential applications of cavitation**	Lecture + Q&A	PAQ
14:30–15:15	**Virtual lab tour – University of Ljubljana**	Virtual tour	ULJ
15:15–16:00	**Final discussion and next steps**	Plenary	Coordinator, All

Notes

All times are Central European Summer Time (CEST, UTC+2). Dates fall within the CET→CEST transition period; clocks moved forward on 29 March.

DC progress presentations on Day 1: 30 minutes each, including 5-10 minutes Q&A. Presenters should prepare 12–15 slides covering objectives, methodology, results, and next steps.

Demo sessions on Day 3: 20 minutes each. Each demo lead should include a brief spin-out / business viability discussion alongside the technical content.

Industry representatives are invited to join the Day 3 demo sessions and provide feedback and guide discussions on potential commercialisation pathways.

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