

SVC R&D Days 2026

Day 1, 11th of March 2026

Activity	Time	Location
Registration & fika	09:30	"12-torget"
Welcome to SVCs R&D Days 2026! <i>Hans Bjerhag, Chair in SVC Programme Council</i> <i>Staffan Lundström, Centre director SVC</i> <i>Jerker Moodysson, Vice chancellor at Karlstad University</i>	10:00	Geijersalen (12A138)
Predict salmonid migration pathways from flow simulations in rivers <i>Johan Leander, SLU</i>	10:15	Geijersalen (12A138)
Safe dams (II) - A holistic approach for improved safety of concrete dams <i>Adrian Ulfberg, LTU</i>	10:45	Geijersalen (12A138)
Three-dimensional FE modelling of vertical rotors <i>Simon Pääjärvi, LTU</i>	11:15	Geijersalen (12A138)
Lunch	11:45	Lunch restaurant
Workshop session <i>Passage solutions for salmonids and other fish species in Swedish river systems, max 38 attendees</i> <i>Johan Watz</i>	13:00	12B149
Energy dissipation with labyrinth roughness appurtenances <i>James Yang, KTH</i>	13:00	Geijersalen (12A138)

Evaluation of PFAS-free self-lubricating bearings for hydropower applications <i>Yijun Shi, LTU</i>	13:30	Geijersalen (12A138)
Fika, mingle & poster session	14:00	"12-torget"
Environmental improvement measures in regulated watercourses <i>Olle Calles, KaU</i>	15:00	Geijersalen (12A138)
Panel discussion with SVCs Scientific Advisory Board: Climate Change impact on Hydropower <i>Staffan Lundström</i> <i>Michael McClain, IHE Institute of Water Education</i> <i>Anton Schleiss, Ecole polytechnique fédérale de Lausanne</i> <i>Giovanna Cavazzini, University of Padova</i>	15:30	Geijersalen (12A138)
End of day 1 <i>R&R</i>	16:15	
Dinner	18:30	Restaurant

Day 2, 12th of March 2026

Activity	Time	Location
Welcome back <i>Coffee!</i>	08:30	"12-torget"
Ecological status of aquatic and riparian habitat in relation to hydropeaking in winter <i>Emil Nordström, KaU</i>	09:00	Geijersalen (12A138)
Realistic failure modelling of concrete dams <i>Jonas Enzell, KTH</i>	09:20	Geijersalen (12A138)

Development of a draft tube guide vane system to improve the flexibility and extend the fatigue life of axial hydroelectric turbines <i>Antariksh Nawander, LTU</i>	09:40	Geijersalen (12A138)
Study visit, poster-session & fika <i>First presentation, then a visit to the aquarium at Karlstad University. Groups of 20 people take turns. Meanwhile, poster session and fika for those waiting.</i>	10:00	Geijersalen, "12-torget", KaU Aquarium
Environmental impact measures, examples from the industry <i>Johan Tielman, Uniper</i> <i>Lo Persson, Vattenfall</i> <i>Sonja Råberg, Fortum</i>	11:00	Geijersalen (12A138)
Whats going on in SVC? ...and a european outlook! <i>Staffan Lundström</i>	11:40	Geijersalen (12A138)
Wrap up <i>Hans Bjerhag</i>	11:50	Geijersalen (12A138)
Lunch	12:00	"12-torget"
Study visit information <i>For those who will join in the afternoon, stay for 15 min for information</i> <i>John Piccolo</i>	12:00	Geijersalen (12A138)
End of the conference! See you next year!		
Study visit <i>Aquaculture facility at Gammelkroppa Lax or Forshaga, depending on availability</i> John Piccolo	13:00	Leaving 13:00 från KaU Returning approx. 18:00 to Karlstad city centre.