

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)
Mechanical Life Prediction of Hydropower Machinery: The Role and Impact of Rotor Dynamics <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 <i>Drinks served at 18:30.</i>	18:30	Elite Stadshotell

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)
Transparent soils for studying internal erosion <i>Shane Aulestia, LTU</i>	09:20	Geijersalen (12A138)

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