

**IAA GOTLAND CRAYFISH CONFERENCE
SCIENTIFIC PROGRAM**

Tuesday, 27.8.	
6 – 8pm	Registration & Welcome Party
Wednesday, 28.8.	
9 – 10am	Registration & Coffee
10 – 10.20am	Welcome & useful hints for delegates
10.20 – 11.40am	eDNA
	<u>D. Strand</u> : Monitoring of noble crayfish, signal crayfish and crayfish plague in Norway: benefits and challenges using eDNA (keynote)
	<u>P. Bohman</u> : Detecting crayfish in a drop of water
	<u>N. Sieber, A. Zenker, R. Krieg, A. Weston, A. King</u> : First Swiss field-validation of eDNA analysis to detect crayfish plague and crayfish
11.40am – 12.40pm	Lunch
12.40 – 2pm	Crayfish Aquaculture & Ecology
	<u>S. Eriksson</u> : Homarid lobster aquaculture and live handling
	<u>J. Nightingale, P. Stebbing, N. Taylor, G. McCabe, G. Jones</u> : Optimising aquaculture techniques for white-clawed crayfish conservation
	<u>P. Nyström, M. Stenberg, B. Andersson, L. Edsman</u> : Noble crayfish farming – a closer look at survival, feeding and biodiversity
	<u>M. C. Ion, A. E. Puha, T. Suci, L. Pârvulescu</u> : Get a grip: unusual disturbances drives crayfish to improvise
2 – 3pm	Coffee & Posters
3 – 4pm	Ecology
	<u>K. Kaldre, M. Hurt, R. Gross</u> : Continuing expansion of non-indigenous crayfish species in Estonia
	<u>J. Maguire, L. Lovrenčić, A. E. Livaić</u> : Morphological diversity of <i>Astacus astacus</i> revealed by geometric morphometrics
	<u>L. Pârvulescu, J. L. Pérez-Moreno, C. Panaiotu, L. Drăgut, A. Schrimpf, I-D. Popovici, C. Zaharia, A. Weiperth, B. Gál, C. D. Schubart, H. Bracken-Grissom</u> : A journey on plate tectonics sheds light on European crayfish phylogeography
4 – 4.10pm	The International Association of Astacology (IAA) 23 meeting in Czech 2020
4.10 – 4.20pm	Why not joining the IAA – Only benefits – First year free for students
4.30 – 5.30pm	Alien Species Workshop
7pm onwards	Informal Evening Program
Thursday, 29.8.	
9 – 10.20am	Crayfish plague
	<u>L. Martín-Torrijos</u> : Chasing the crayfish plague: historical review of European crayfish decline and future perspectives (keynote)
	<u>G. Casabella-Herrero, M. Martínez-Ríos, L. Martín-Torrijos, J. Diéguez-Urbeondo</u> : Assessing the diversity of the crayfish plague pathogen <i>Aphanomyces astaci</i> : mtDNA and whole genome markers
	<u>Á. J. Correa-Villalona, M. Martínez-Ríos, L. Martín-Torrijos, J. Diéguez-Urbeondo</u> : Detection of <i>Aphanomyces astaci</i> in <i>Procambarus clarkii</i> population of an estuarine environment, La Albufera de Valencia, Spain
10.20 – 10.50am	Coffee
10.50am – 12.10pm	Crayfish plague & Other disease
	<u>K. Theissinger</u> : Crayfish plague – present and future research (keynote)
	<u>R. Hernando, M. Martínez-Ríos, L. Martín-Torrijos, J. Diéguez-Urbeondo</u> : <i>Fusarium</i> pathogens: from turtles to human and crayfish
	<u>J. Jussila, V. Tiitinen, J. Makkonen, L. Edsman</u> : Eroded swimmeret syndrome (ESS): An update

12.10 – 1.10pm	Lunch
1.10 – 2.30pm	Conservation & Farming
	<u>F. Gröndahl</u> : Kelp farming an upcoming bio-based industry in Sweden
	<u>N. Whiterod</u> , S. Zukowski, M. Asmus: One in 100: translocations to aide the recovery of a large freshwater crayfish following significant population loss in the Murray River
	<u>S. Palm</u> , J. Dannewitz, L. Edsman: Colonization history and translocations explain the population genetic structure of noble crayfish in Northern Europe
	<u>N. Green</u> , P. Stebbing, M. Bentley, D. Andreou, R. Britton: Mechanical sterilisation of male <i>P. leniusculus</i> : Hierarchical and reproductive responses
2.30 – 3pm	Coffee & Posters
3 – 4.40pm	Conservation
	<u>T.J. Ruokonen</u> , E. Erkamo, T. Keskinen: Connecting conservation of native crayfish and effective exploitation of invasive crayfish – mission impossible?
	<u>N. Whiterod</u> , S. Zukowski, M. Asmus: Can translocations play a role in the conservation of freshwater crayfish under future conditions?
	<u>A. Zenker</u> , R. Krieg: Function control of a barrier in a natural stream
	<u>J. K. M. Zimmerman</u> , E. Grönlund, P. van den Brink: Is astacology environmental science?
	<u>R. Gydemo</u> : The noble crayfish, <i>Astacus astacus</i> L., on Gotland: Past, present and future
5 – 6.30pm	Guided Visby Tour
7pm onwards	Informal Evening Program
Friday, 30.8.	
10am – 4pm	Field trip including crayfish & touristic sites
4pm – 5pm	Guided tour around field station Ar (aquaponics & related stuff)
5pm – 6pm	Taste of your country session
6pm onwards	Conference dinner in the form of a traditional Crayfish Party at Ar
– late	Buss back to Visby
Saturday, 31.8.	
	Farwell & Departures