

Invitation to lunch seminar



Lecture by Prof. Thomas Breithaupt

Emeritus Fellow
University of Hull
United Kingdom

Visiting Professor of CENAKVA (RP4)

Title

„Can they hear? Some remaining riddles
in mechanoreception of aquatic animals“

Date & Place

**Tuesday, 5th August 2025,
11:00 – 12:00**

**FFPW USB, Zátíší 728, Vodňany
large meeting room**

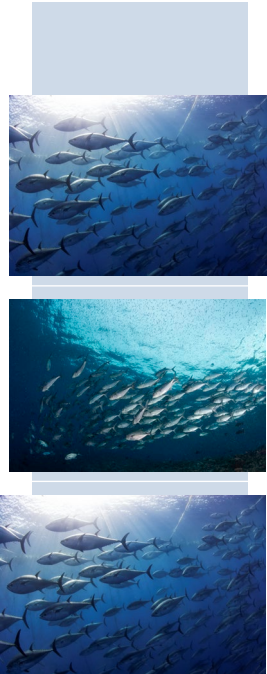
Details

Please confirm your participation [HERE](#)
by 4th August, 2025.

Lunch sandwich for all registered participants.

Abstract

I'll talk about invertebrate hearing and vibration detection and how they may be affected by industrial noise (such as windfarms) as well as the functional significance of fish lateral line detection and hearing. I'll question the general definition of "hearing" in aquatic animals and suggest future avenues of research.



Prof. Thomas Breithaupt

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Dr. Thomas Breithaupt has been studying the sensory ecology of aquatic and terrestrial animals for more than 25 years.

His research is driven by his fascination in the sensory world and behaviour of animals, and how animals extract and respond to information from their specific habitat.

Dr. Breithaupt is most interested in how animals communicate by chemicals, and how they respond to chemical and mechanical (sound and vibration) stimuli from predators, prey and conspecifics.

As natural environments are threatened by chemical pollution, noise and vibrations, he believes we need to understand how animal senses and behaviours cope with these challenges.

Publications on catfish wake following behaviour, lobster chemical communication and visualisation of crayfish chemical signals have been highlighted in various international online and printed science news portals and blogs.



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