

THE 4TH **ULTRASONIC** **VOCALIZATION**

20.-21.11.2025 CONFERENCE



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PROGRAMME OF THE 4TH ULTRASONIC VOCALIZATION CONFERENCE

20 NOVEMBER (THURSDAY)

21 NOVEMBER 2025 (FRIDAY)

TIME (CET)

10:00

09:45-09:55 • WELCOME ADDRESS

09:55-10:00 • OPENING

10:00-11:00 • NICOLAS MATHEVON

The voices of Nature. How and Why Animals Communicate

10:00-10:25 • KANNO KOUTA

*From USVSEG to USVCAM, and more:
Recent Developments and Research Activities
on rodent Ultrasonic Vocalizations in Japan*

11:05-11:30 • SHIMPEI ISHIYAMA

*Mice do play: Comparative analysis of play
and context-dependent vocalizations
in tame mice and hamsters*

10:30-10:55 • BERNHARD ENGLITZ

*It takes 3 to tango - using precise audiovisual tracking
to study mouse interactions*

11:00

11:35-12:00 • LEO PERRIER

Unravelling the acoustic network of wild striped mice

11:00-11:25 • MARKUS WÖHR

*Serotonergic modulation of socio-affective communication
and behavioral responses evoked by psychostimulants*

12:00

12:00-12:15 Break / 15 min

11:55 – 12:10 • Break / 15 min

12:20-12:45 • LUCIO ARESE

*Seeing Birdsong - A realtime system translating avian
vocalizations into three dimensional structures*

12:15-12:40 • ELODIE EY

*Spontaneous usage of ultrasonic vocalisations
in mice and rats*

12:50-13:15 • WIKTORIA MROZEK

*Using ultrasonic vocalizations to study the role
of serotonin & glutamate*

12:45-13:10 • ALEXIS FAURE

*Impact of odors on social interactions in mice:
Use of ultrasonic vocalisations*

13:00

13:20-13:45 • NICOLA SIMOLA

*Influence of the context on the sensitization in the emission
of 50-kHz ultrasonic vocalizations in rats
treated with amphetamine in unfamiliar environments*

13:15-13:40 • AGNIESZKA POTASIEWICZ

*Analysis of rat vocalizations as a tool for assessing
the effects of $\alpha 7nAChR$ PAMs
in a neurodevelopmental model of autism*

14:00

13:50-14:15 • LUCAS NOLDUS

*UltraVox XT 4.0, a new tool for automated detection and analysis
of animal vocalization*

13:45-14:10 • MIRON KURSA

USV and rat hierarchies

14:15 – 14:40 Break / 25 min

14:10-14:35 • Break / 25 min

14:45-15:05 • STEFAN BRUDZYNSKI

*Transition of aversive calls of young pups to adult
22 kHz vocalizations*

14:40-15:05 • PAUL CLARKE

*Adult rat ultrasonic vocalizations:
Great Expectations
or Waiting for Godot?*

15:00

15:10-15:35 • ROLAND BULTHUIS (METRIS)

*Automated Call Classification in Rats and mice.
Do we need to refine the definition of USV types?*

15:10-16:10 • JEFFREY BURGDORF

*Ultrasonic vocalizations and the neurobiology of emotion:
A translational success story*

16:00

15:40-16:05 • KEVIN COFFEY

A Deep Dive into DeepSqueak

16:15-18:15 • DISCUSSION PANEL

16:10-17:10 • NICHOLAS JOURJINE
*Ecology and Evolution of Vocal Communication
in Wild Mice*

17:00

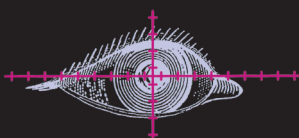
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