EURASIP SOUNDS/I-SPOT Seasonal School on Machine Learning for Speech and Audio Processing.

The MSCA European Training Networks SOUNDS and I-SPOT have jointly organized this Seasonal School on "Machine Learning for Speech and Audio Processing". Targeting MSc and PhD students with a basic background in machine learning and a keen interest in audio, acoustics, and speech applications, this school offered a timely overview of how machine learning has been shaping academic research as well as industry practice in these application domains.

The school consisted of four course days, starting Monday April 8, 2024 up till and including Thursday, April 11, 2024. The first day has provided a recap of fundamentals of machine learning and deep learning. During the other days, the participants could zoom in on one of three application areas: speech, audio, and acoustics. The guest lectures were delivered by experts from academia and industry (see the list below). During the first three days the participants could also take part in practical sessions and on the final day, a poster session was organized where the students presented a research topic of their own choice. The school welcomed 58 participants and 12 speakers.

Guest Lecturers:
Fabio Antonacci, Politecnico di Milano
Bruno Defraene, NXP Semiconductors.
Stefan Goetze, University of Sheffield
Catherine Jasserand-Breeman, University of Groningen
Dorothea Kolossa, TU Berlin
Annamaria Mesaros, Tampere University
Gema Pinero, Universitat Politècnica de València
Dan Stowell, Tilburg University and Naturalis Biodiversity Center
Duowei Tang, KU Leuven, Goodix Technology
Maja Taseska, Harman International
Toon van Waterschoot, KU Leuven
Mathias Verbeke, KU Leuven