

Structured machine listening for soundscapes with multiple birds



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- Machine learning and signal processing for making sense of bird sounds
- Applications
 - species identification
 - population monitoring
 - characterising interactions between individuals: answering behavioural questions
 - soundscape transcription
- Methods
 - point process models
 - autoencoders
 - flow networks
 - random forests
 - feature learning
 - PHD filters

