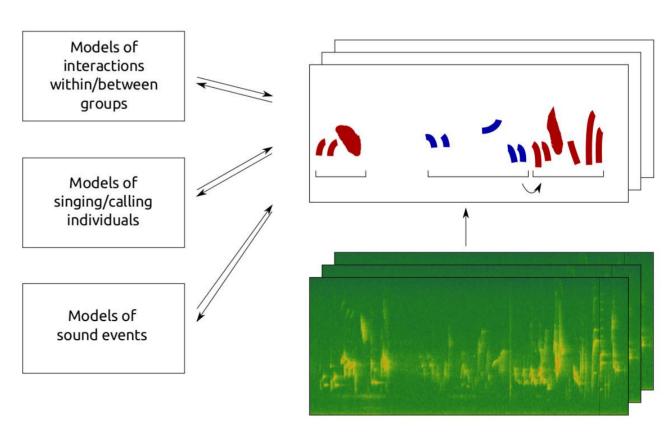
Structured machine listening for soundscapes with multiple birds



Dan Stowell

- 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



http://mcld.co.uk/research