

## Programme *DRAFT*

10:00	Welcome - Simon Dixon
10:10	<b>KEYNOTE</b> "(On generative modelling and iterative refinement)", <b>Sander Dieleman- (Research Scientist at DeepMind)</b>
11:10	<i>Break (Coffee break)</i>
11:30	"Improving Chord Sequence Graphs with Transcription Resiliency and a Chord Similarity Metric", <b>Jeff Miller, Vincenzo Nicosia and Mark Sandler (Queen Mary University of London, UK)</b>
11:45	"Bringing the concert hall into the living room: digital scholarship of small-scale arrangements of large-scale musical works", <b>David Lewis and Kevin R. Page (University of Oxford e-Research Centre, UK)</b>
12:00	"A Musically Meaningful Embedding Space for Symbolic Music Tokens and a Novel Attention Mechanism for Symbolic Music Modeling", <b>Zixun Guo and Dorien Herremans (ISTD, Singapore University of Technology and Design, Singapore)</b>
12:15	"Large-Scale Pretrained Model for Self-Supervised Music Audio Representation Learning", <b>Yizhi Li (University of Sheffield, UK), Ruibin Yuan (Beijing Academy of Artificial Intelligence, China, and Carnegie Mellon University, PA, USA) , Ge Zhang (Beijing Academy of Artificial Intelligence, China and University of Michigan Ann Arbor, USA) , Yinghao Ma (Queen Mary University of London, UK), Chenghua Lin (University of Sheffield, UK) , Xingran Chen (University of Michigan Ann Arbor, USA), Anton Ragni (University of Sheffield, UK), Hanzhi Yin (Carnegie Mellon University, PA, USA), Zhijie Hu (HSBC Business School, Peking University, China), Haoyu He (University of Tübingen &amp; MPI-IS, Germany), Emmanouil Benetos (Queen Mary University of London, UK), Norbert Gyenge (University of Sheffield, UK), Ruibo Liu (Dartmouth College, NH, USA) and Jie Fu (Beijing Academy of Artificial Intelligence, China)</b>
12:30	Announcements
12:45	<i>Lunch - Poster Session</i>

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14:15	“Time-Frequency Scattering in Kymatio”, <b>Cyrus Vahidi (Queen Mary University of London), Vincent Lostanlen, Han Han, Changhong Wang (Queen Mary University of London ) and György Fazekas (Queen Mary University of London)</b>
14:30	“Working for the AI Man: Algorithmic Rents, Accumulation by Dispossession and Alien Power”, <b>Hussein Boon (University of Westminster, UK)</b>
14:45	“Remarks on a Cultural Investigation of Abstract Percussion Instruments”, <b>Lewis Wolstanholme and Andrew McPherson (Queen Mary University of London, UK)</b>
15:00	“Beat Byte Bot: a bot-based system architecture for audio cataloguing and proliferation with neural networks and Linked Data”, <b>J. M. Gil Panal (E.T.S.I. Informática, University of Málaga, Spain and Luís Arandas (INESC-TEC, University of Porto, Portugal)</b>
15:15	<i>Break</i>
15:30	“Symmetries and Minima in Differentiable Sinusoidal Models”, <b>Ben Hayes, Charalampos Saitis, György Fazekas (Queen Mary University of London)</b>
15:45	“Affordances of Generative Models of Raw Audio to Instrumental Practice and Improvisation”, <b>Mark Hanslip (School of Arts and Creative Technologies, University of York)</b>
16:00	“Practical Text-Conditioned Music Sample Generation”, <b>Scott H. Hawley (Belmont University, USA and Harmonai), Zach Evans, C.J. Carr (Harmonai), and Flavio Schneider (Harmonai).</b>
16:15	Close - Simon Dixon

\* - There will be an opportunity to continue discussions after the Workshop in a nearby Pub/Restaurant for those in London.

## Posters

1	“Which car is moving? A listening approach using distributed acoustic sensor systems”, <b>Chia-Yen Chiang and Mona Jaber (Queen Mary University of London)</b>
2	" YourMT3: a toolkit for training multi-task and multi-track music transcription model for everyone YourMT3: multi-task and multi-track music transcription for everyone", <b>Sungkyun Chang, Simon Dixon and Emmanouil Benetos (Queen Mary University of London)</b>

*DRAFT (subject to minor changes- final will be publish on 12<sup>th</sup> December)*

## Keynote Talks

### Keynote By **Sander Dieleman**

**Title:** TBC (on generative modelling and iterative refinement).

**Bio:** Sander Dieleman is a Research Scientist at DeepMind in London, UK, where he has worked on the development of AlphaGo and WaveNet. He obtained his PhD from Ghent University in 2016, where he conducted research on feature learning and deep learning techniques for learning hierarchical representations of musical audio signals. His current research interests include representation learning and generative modelling of perceptual signals such as speech, music and visual data.