

Environmental Acoustic Data Mining (EADM IEEE ICDM)

Room: Berkshire

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| 8:30 - 10:00 | <p>EADM Session 1: <u>Representations</u> (Chair: Hervé Glotin)</p> <p>Compact Features for Birdcall Retrieval from Environmental Acoustic Recordings <i>Xueyan Dong, Michael Towsey, Jinglan Zhang & Paul Roe</i></p> <p>Computer-Assisted Sampling of Acoustic Data for More Efficient Determination of Bird Species Richness (9:10) <i>Liang Zhang, Michael Towsey, Jinglan Zhang & Paul Roe</i></p> <p>Scattering Decomposition for Massive (Bioacoustic) Classification (9:40) <i>Randall Balestrieri and Hervé Glotin</i></p> |
| 10:00 - 10:15 | Coffee break |
| 10:15 - 11:15 | <p>EADM Session 2: <u>Scaling</u> (Chair: Xavier Mouy)</p> <p>Sparse Coding for Efficient Bioacoustic Data Mining: Application to Whale Songs <i>Joseph Razik, Herve Glotin, Maia Hoeberechts, Yann Doh & Sébastien Paris</i></p> <p>A New Scalable Algorithm for Parallel-distributing Processing for Large Sound Archives (10:45) <i>Peter Dugan, John Zollweg, Holger Klink & Christopher Clark</i></p> |
| 11:15 - 12:30 | <p>EADM Session 3: <u>Browsing</u> (Chair: Michael Towsey)</p> <p>Jmesh-A Scalable Web-Based Platform for Visualization & Mining of Passive Acoustic Data <i>Xavier Mouy, Pierre-Alain Mouy, David Hannay & Tom Dakin</i></p> <p>The Navigation and Visualisation of Environmental Audio using Zooming Spectrograms (12:00) <i>Michael Towsey, Anthony Truskinger & Paul Roe</i></p> |
| 12:30 - | Lunch with Following Discussions |