Keynote Talk 3

Music as Investigation

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Abstract
The music information retrieval landscape has changed dramatically in the past two decades since ISMIR's inception. Music and user data exist at web scale and systems and algorithms have evolved to take advantage of it. Yet there remain classes of problems and information needs for which scale data will never be available. The early ISMIR community, perhaps if only out of necessity, responded to such challenges by adopting various mindsets: exploratory, investigatory, niche. The benefits of these mindsets extend far beyond music into other individual-scale, task-oriented domains such as law, where popularity and prevalence do not provide easily-distillable answers. Do the benefits run both ways?

Biography
Jeremy Pickens is a Principal Data Scientist at OpenText (né Catalyst Repository Systems), a leader in enterprise software and legal technology. His research in information retrieval has spanned a number of domains from music to images and video to various legal applications. The common thread among these disparate areas has been an emphasis on recall-oriented, comprehensive, and holistic views of relevance. Jeremy is a pioneer in the field of collaborative exploratory search, a form of information seeking in which a group of people who share a complex information need actively collaborate to achieve it. His ongoing research focuses on methods for continuous learning. Jeremy holds a PhD in Computer Science from the University of Massachusetts, Amherst, Center for Intelligent Information Retrieval. He conducted his post-doctoral work at King's College, London. Before joining Catalyst and OpenText, he spent five years as a research scientist at FX Palo Alto Lab, Inc. He was also a member of many of the early (2000-2005) ISMIR organizing committees.