

Friday, September 18, 2015

4:10 – 5:00 PM

EPS103

Found Sound: Recording Studio, National Park, Courtroom

Professor Rob Maher

Electrical & Computer Engineering Department

Montana State University-Bozeman

<http://ece.montana.edu/rmaher/>

Abstract:

In the last 25 years audio engineering has progressed from almost exclusive reliance upon magnetic tape for both analog and digital real-time sound recording to our present use of solid state and hard disk storage systems. The vast capacity, speed, and convenience of tapeless audio recording and signal processing systems provides many opportunities for research and development in the fields of entertainment audio, long-term acoustical surveys, and audio forensic analysis. This presentation covers several of the "hot topics" in audio signal processing research, and summarizes several topics that could benefit from interdisciplinary research in the future. Audio examples will be presented.

Host:

Rufus Cone

***** Refreshments served in the EPS second floor atrium at 3:45 *****
