

Spring 2018 Master's Thesis Defense Schedule (6th Floor Conference Room)

Tuesday, May 8th

9:00 AM	Aybar Aydin	"Free Delay: Expanding Time-Based Audio with Spatial Processing"
9:30 AM	Hiram Carrasquillo	"Monaural and Binaural Recording of Spoken Word Using Audio Book Material: A Perceptual Study"
10:00 AM	Xuchen Chang	"Design an Implementation of a 3D Reverberator Based On the David Bowles' Microphone Array and Evaluate Choir Recordings Produced Using the System"
11:00 AM	Gregory W. Hanson Jr	"A Novel Approach to Music Playback Using Augmented Reality and Mobile Devices"
11:30 AM	Joshua S. Liebman	"Reverb in the Headphone Mix: Effect on the Performer and Performance"
4:00 PM	Justin C. Sandoval	"An Interactive Tool for Generating Sonic and Visual Artifacts from Datasets"
5:00 PM	David Asomaning	"Teaching Math with Music Technology"
5:30 PM	Vincent V. Winik	"Eugene: The Informed Euclidean Rhythm Generator"

Wednesday, May 8th

9:00 AM	Noah Gall	"The Expert Ability of Listeners to Detect Asynchrony Between Violin and Bass in Baroque Performance"
9:30 AM	Melody Nieun Hwang	"The Effect of Added Notes to Perceived Emotions on Music"
10:00 AM	Lina M. Borda Lozano	"The Sonic Kuleshov Effect"
10:30 AM	Farrah A. Dupoux	"Emotional Effects of Pitch and Loudness on Film Music"
11:30 AM	Kathleen "Ying-Ying" Zhang	"Audio Location Markers, Verbal Information, and the Working Memory"
12:00 PM	Charles J.P. Craig Jr.	A Comparative Study of Headphone-based Mono, Stereo, and Binaural Representations of a Mindfulness Experience
12:30 PM	Dembeck, Dennis	"Head-trackable 3D Cinematic Audio Soundtrack Production over headphones for 2D video"
1:00 PM	Harrison C. Holt	"Field Recordings and Wave Field Synthesis"
2:00 PM	K'La D. Moore	"Choir Telepresence"
2:30 PM	Diego Las Heras	"Real-Time Music Composition System for Non-Musicians"
3:00 PM	Sebastian Coloma	"Project Audio: A Hybrid Music Production Course for Audio Beginners"
3:30 PM	David J. Van Dusen	"Development Of An Interactive Web MIDI Sequencer For Remote DAW Collaboration"
4:00 PM	Brad Gowland	"A Multiuser MIDI Sequencer on the Web for Distributed DAW Collaboration"

Thursday, May 10th

9:30 AM	Boris Nazarov	"The Correlation Between Measured Small Room Acoustics and Perceived Small Room Acoustics"
10:00 AM	Michael Ikonomidis	"Evaluation of 3D Panning Techniques: Mixing Mono and Stereo Sources Into 9.1"
10:30 AM	Kai F. Robinson	"Optimizing Stereo Subwoofer Reproduction with Post-Processing Techniques"
11:00 AM	Robert B. Willes	"Applications of Hyper-Directional Parametric Speakers in the Recording Studio"
11:30 AM	Andrew David Maxwell Parke	"The Low-Frequency Augmentation of Earphones"
12:00 PM	Jack Yaguda	"An Adaptive/Adjustable Sweet Spot Monitoring System for James L. Dolan Recording Studio Control Room Implemented in MAX/MSP."
12:30 PM	Gabriel Zalles	"The Design of a Highly Coincident Microphone Array for Stereo and Surround Sound"
1:30 PM	Stephanie T. Benicek	"Methods and Techniques for Capturing Music Concerts for Virtual Reality Experiences"

Friday, May 11th

10:00 AM	Gregory J. Reardon	"Statistics of Natural Soundfields: The Role of Cross-Spectral Statistics in Binaural Processing"
10:30 AM	Zhe Sheng	"A Hybrid (MIR and Musicology) Corpus Study of Max Martin's Music Production Using MFCCs and K-Means Clustering"
11:00 AM	Qingyang Xi	"Guitarset: a Dataset for Guitar Transcription and More"