

Sound Analysis Workshop, 3 – 7 Oct 2016 (times approximate; end @ 17:00 each day)

Monday, 03-Oct	9:00	Introductions & course overview (Russ)
	9:45	Raven orientation 1 (Liz)
	10:30	BREAK & Quick tour of useful places (Liz)
	10:45	Intro to spectrograms & digital audio (Russ)
	11:45	Raven orientation 2 (Liz)
	12:15	LUNCH
	13:15	Digital audio artifacts (Ashik)
	13:35	Spectrogram parameters 1 (Russ)
	14:30	<i>Vocal communication and individual recognition in African starlings (Sara Keen)</i>
	15:00	BREAK
	15:15	Raven measurements 1 (Ashik)
	16:00	Sound and shape (Russ)
	16:15	Hands-on work & individual consultations
Tuesday, 04-Oct	9:00	Questions / overview of day
	9:15	Spectrogram parameters 2 (Russ)
	10:15	BREAK
	10:30	Decibel measurements (Russ)
	11:00	Raven measurements 2 (Ashik)
	12:00	PIZZA LUNCH w/BRP STAFF
	13:00	<i>Participant presentations</i>
	13:45	Hands on: measurements
	14:15	Overview of automated detection (Russ)
	14:30	Automated detection in Raven [BLED] 1 (Russ)
	15:00	BREAK
	15:15	Automated detection in Raven [BLED] 2 (Russ)
	15:45	Hands on: BLED, measurements, etc.
	16:30	Customizing Raven: preferences, selection labels, color schemes (Mike)
Wednesday, 05-Oct	9:00	Questions / overview of day
	9:15	Selection review and annotation (Bobbi)
	10:00	BREAK
	10:15	Approaches to quantifying sound similarity (Russ)
	10:30	Spectrogram cross-correlation for comparing sounds (Russ)
	11:30	<i>Designing acoustic localization experiments: a practical guide for biologists (Yu Shiu)</i>
	12:00	LUNCH
	13:00	Hands on: Spectrogram correlation, etc.
	13:30	Feature-based sound comparison methods (Russ)
	14:00	Discuss needs for small-group sessions
	14:15	Hands-on work & individual consultations
	15:00	BREAK
	15:15	Categorizing and comparing sounds using view linkage (Russ)
	15:30	Hands-on work & individual consultations
	16:00	Tour: Macaulay Library
Thursday, 06-Oct	9:00	Questions / overview of day
	9:15	Presentation / discussion TBD
	10:15	BREAK
	10:30	[small-group and one-on-one session 1]
	11:30	<i>Perceptually inspired segmentation of call data (Marie Roch)</i>
	12:00	LUNCH
	13:00	[small-group and one-on-one session 2]
	14:00	[small-group and one-on-one session 3]
	15:00	BREAK
	15:15	Presentation / discussion TBD
	16:00	Tour: Bioacoustics Research Program
Friday, 07-Oct	9:00	Questions, review, and "parked" topics
	10:15	BREAK
	10:30	[small-group and one-on-one sessions 4]
	11:30	[small-group and one-on-one sessions 5]
	12:30	LUNCH
	13:30	[small-group and one-on-one session 6]
	14:30	[small-group and one-on-one session 7]
	15:30	BREAK
	15:45	Wrap-up and revisit opening questions