

# NIMBioS Investigative Workshop - Analyzing Animal Vocal Sequences

## Agenda

### MONDAY

8:00	8:30	Coffee		
		Greetings from		
8:30	8:45	NIMBioS	Lou Gross	
		Introduction to the		
8:45	9:00	workshop	The organisers	
				Variations of vocal sequences in different
9:00	9:20	Talk 1	Manser, Marta	mongoose species
9:20	9:40	Talk 2	Bohn, Kirsten	Singing is not just for the birds
9:40	10:00	Discussion		
10:00	10:30	Coffee		
10:30	10:50	Talk 3	Janik, Vincent	Sequences in dolphin communication
				Caller identification and sequences in pilot
10:50	11:10	Talk 4	Sayigh, Laela	whales
11:10	11:30	Discussion		
11:30	11:40	Coffee		
				Automated identification of bird individuals
				using machine learning: A hierarchical
11:40	12:00	Talk 5	Vallejo, Edgar	approach
				Machine learning for the classification of
12:00	12:20	Talk 6	Johnson, Michael	animal vocalizations
12:20	12:40	Discussion		
12:40	14:00	Lunch		
		Formation of breakout		
14:00	14:30	groups		
14:30	14:45	Talk 7	McCowan, Brenda	Dolphin communication complexity
				Broad Application of Information Theory to Non-
14:45	15:00	Talk 8	Doyle, Laurance	Human Communication Systems
			Ferrer-i-Cancho,	Information theoretic principles of human
			Ramon	language and animal behavior
15:00	15:15			
15:15	15:35	Discussion		
15:35	16:00	Coffee		
16:00	18:00	Breakout groups		
18:00	18:30	Report back		
18:30	19:30	Reception		

### TUESDAY

8:30	9:00	Coffee		
				A Receiver's Perspective on Analyzing Animal
9:00	9:20	Talk 1	Bee, Mark	Vocal Sequences
9:20	9:40	Talk 2	Zuberhuehler, Klaus	Primate use of semantic communication
				Communication vs. Language: An Examination
9:40	10:00	Talk 3	Coen, Michael	of White-handed Gibbons
10:00	10:30	Discussion		
10:30	10:50	Coffee		
				Cognitive experimental work and dolphin
10:50	11:10	Talk 3	Harley, Heidi	communication
11:10	11:30	Talk 4	Edelman, Shimon	Syntactic networks and syntax learning
11:30	12:00	Discussion		
12:00	13:00	Lunch		

13:00 16:30 Breakout groups  
17:00 17:30 Report back

### WEDNESDAY

8:30 9:00 Coffee  
9:00 10:30 BG  
10:30 11:15 Report back  
11:15 13:00 BG  
13:00 14:00 Lunch  
14:00 14:45 Report back  
14:45 17:30 BG  
17:30 18:30 Conclusion

### THURSDAY

Field trip