Cold Spring Harbor Laboratory
MEETINGS & COURSES PROGRAM

Genetics & Neurobiology of Language
July 24 - July 31, 2022
Banbury Conference Center

INSTRUCTORS:

Simon Fisher	Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands
David Poeppel	New York University & Ernst Strüngmann Institute, Frankfurt, New York NY
Kate Watkins	University of Oxford, Oxford, United Kingdom

ASSISTANTS:

Anna Kasdan	Vanderbilt University, Nashville TN

PARTICIPANTS:

Erin Andres	University of Kansas, Lawrence KS
Florence Bouhali	University of California San Francisco, San Francisco CA
Phoebe Chen	New York University, New York, NY
Miriam Hauptman	Johns Hopkins University, Baltimore MD
Kristina Johnson	Boston Children's Hospital/Harvard Medical School, Arlington MA
Yookyung Kim	Arizona State University, Tempe AZ
Garret Kurteff	University of Texas at Austin, Austin TX
Marco Chia-Ho Lai	New York University, New York NY
Julieta Laurino	Inst. for Physiology, Mol. Biol. and Neurosciences, Buenos Aires, Argentina
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Piermatteo Morucci	Max Planck Institute for Empirical Aesthetics, Frankfurt am Main, Germany
Neetash Mysuru Rajagopalachari	Max Planck Institute for Biological Intelligence, Seewiesen, Germany
Srishti Nayak	Vanderbilt University Medical Center, Nashville TN
Sara Sanchez-Alonso	Haskins Laboratories, New Haven CT
Natalie Schaworonkow	Ernst Strüngmann Institute for Neuroscience, Frankfurt am Main, Germany
Cory Shain	MIT, Cambridge MA
Harriet Smith	University of Cambridge, Cambridge, United Kingdom
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Brennan Terhune-Cotter	San Diego State University, San Diego CA
Xinchi Yu	University of Maryland, College Park MD

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Monday July 25th

9:00 am	Translating the genome in human neuroscience	**Simon Fisher** *Max Planck Institute for Psycholinguistics*
	Brain structure & function in developmental disorders of speech & language	**Kate Watkins** *University of Oxford*
2:00 pm	Sub-diagnostic effects of genetic variants associated with autism	**Thomas Bourgeron** *Institut Pasteur*

Tuesday July 26th

9:00 am	Neurobiology of Sign Language	**Karen Emmorey** *San Diego State University* & Mairéad MacSweeney
	Neuroplasticity: Insights from Sign Language & Deafness	**Mairéad MacSweeney** *University College London* & Karen Emmorey
2:00 pm	Neurobiology of spoken & written language in blindness reveals a cortex built to learn.	**Marina Bedny** *Johns Hopkins University*

Wednesday July 27th

9:00 am	Speech-to-speech synchrony: what does it mean, how can we measure it & what are its cognitive & neural correlations?	**Florencia Assaneo** *National Autonomous University of Mexico (UNAM)*
	Contributions of both cerebral hemispheres to speech production	**Christian Kell** *Goethe University*
2:00 pm	Understanding acoustic to phonological processing of speech using intracranial recording	**Liberty Hamilton** *University of Texas at Austin*

Thursday July 28th

9:00 am	Neural circuits of vocal interactions in songbird	**Daniela Vallentin** *Max Planck Institute for Ornithology*
	Developmental dynamics of vocal communication in marmoset monkey	**Daniel Takahashi** *Instituto do Cérebro, UFRN*

Continued on next page.

Friday July 29th

9:00 am	Nonhuman primate communication & the language origins debate	**Julia Fischer** *German Primate Center*
2:00 pm	The language system in the brain & its relationship to other cognitive system	**Evelina Fedorenko** *MIT*
	Cerebral lateralization in auditory & language processing	**David Poeppel** *NYU & Ernst Strüngmann Institute, Frankfurt*

Saturday July 30th

9:00 am	Exploring mammalian vocal learning to shed light on the biology & evolution of speech & language	**Sonja Vernes** *The University of St Andrews*
2:00 pm	Cognitive Biology & Language Evolution	**Tecumseh Fitch** *University of Vienna*
	Molecular mechanisms & evolution of brain pathways for vocal learning & spoken language	**Erich Jarvis** *Rockefeller University/HHMI*