

# 2008 Program Schedule

Notes: Presentation materials can generally be found on pages linked from [the main wiki presentations page](#) or from more specific links below.

August	10:00 am - 7:00 pm	7:00 pm - 8:00 pm	8:00 pm - 9:00 pm
Saturday 16		Reception: Loeb 3rd Floor Lobby	Partha Mitra: Introduction: (materials) Loeb 3rd Floor

August	9:00 am - 10:00 am	10:00 am - 11:00 am	11:00 am - 12:00 pm	2:00 pm - 3:00 pm	3:15 pm - 4:15 pm	7:30 pm - 9:30 pm
Sunday 17	David Kleinfeld: <i>Nature and measurement of transmembrane potential:</i> (materials) Speck Auditorium	David Kleinfeld: <i>Nature and measurement of synaptic transmission:</i> (materials) Speck Auditorium	David Kleinfeld: <i>Nature and measurement of network activity:</i> (materials) Speck Auditorium	Satish Iyengar: <i>Probability Theory:</i> (materials) Speck Auditorium	Satish Iyengar: <i>Statistics I: Estimation:</i> (materials) Speck Auditorium	Satish Iyengar: <i>Tutorial: Matlab Prob/Stat I: Estimation:</i> (materials) Loeb 308

## Week I

August	9:00 am - 10:15 am	10:30 am - 12:00 pm	12:00 pm - 2:00 pm	2:00 pm - 3:00 pm	3:15 pm - 4:15 pm	7:30 pm - 8:30 pm	8:30 pm - 9:30 pm
Monday 18	Bijan Pesaran: <i>MCN Joint Lecture I: Signal processing and spectral analysis:</i> 9:00AM - 10:30AM (materials)	Uri Eden: <i>MCN Joint Lecture II: Point process models and Splines:</i> 10:45AM - 12:15PM (materials)	Lunch Talks (Signup sheet) Meigs Room	David Kleinfeld: <i>MCN Joint Lecture III: Applications to the Vibrissa system:</i> 1:30PM -	Partha Mitra: <i>MCN Joint Lecture IV: Neuroanatomy; analysis of ABA data set:</i> (materials) Speck	Hemant Bokil Bijan Pesaran: <i>Tutorial: Signal Processing, Spectral Analysis. (Chronux):</i> (materials) Loeb 308	

	Speck Auditorium	Speck Auditorium		3:00PM (materials) Speck Auditorium	Auditorium		
Tuesday 19	Satish Iyengar: <i>Statistics II: Inference:</i> (materials) Speck Auditorium	Satish Iyengar: <i>Statistics III: Linear Models:</i> (materials) Speck Auditorium	Lunch Talks (Signup sheet) Meigs Room	Hemant Bokil: <i>Statistics IV: Local Regression and Likelihood:</i> (materials) Speck Auditorium	Robert Kass: <i>Statistics V: Adaptive Splines:</i> (materials) Speck Auditorium	Hemant Bokil: <i>Tutorial: Locfit:</i> (materials) Loeb 308	Satish Iyengar: <i>Tutorial: Linear Models, PCA:</i> (materials) Loeb 308
Wednesday 20	Bijan Pesaran: <i>Inference and classification with spectral feature vectors:</i> (materials) Speck Auditorium	Hemant Bokil: <i>Nonstationary Spectral Analysis:</i> (materials) Speck Auditorium	Lunch Talks (Signup sheet) Meigs Room	Uri Eden: <i>Point Processes II:</i> (materials) Speck Auditorium	Sridevi Sarma: <i>Point Processes III:</i> (materials) Speck Auditorium	Sridevi Sarma Uri Eden: <i>Tutorial: Point Process Estimation:</i> (materials) Loeb 308	Bijan Pesaran Hemant Bokil: <i>Tutorial: Nonstationary Spectral Analysis; Inference/Classification:</i> (materials) Loeb 308
Thursday 21	Bijan Pesaran: <i>Multichannel Time Series I: Electrophysiological data:</i> (materials) Speck Auditorium	Andrew Sornborger: <i>Multichannel Time Series II: Optical Imaging Data:</i> (materials) Speck Auditorium	Lunch Talks (Signup sheet) Meigs Room	Jason Bohland: <i>fMRI time series analysis I: Analysis techniques:</i> (materials) Speck Auditorium	Jason Bohland: <i>fMRI time series analysis II: Software platforms:</i> (materials) Speck Auditorium	Bijan Pesaran: <i>Tutorial: Multichannel electrophysiological data:</i> (materials) Loeb 308	Andrew Sornborger: <i>Tutorial: Optical imaging data:</i> (materials) Loeb 308
Friday 22	Bijan Pesaran: <i>Prosthetics I: Continuous process readout algorithms:</i> (materials)	Sridevi Sarma Uri Eden: <i>Prosthetics II: Point process</i>	Lunch Talks (Signup sheet) Meigs Room	Ilan Golani: <i>Quantifying Behavior: Mice, Fruitflies:</i> (materials) Speck Auditorium	Jonathan Victor: <i>Entropy and Mutual Information Estimation: Lecture and Tutorial:</i> (materials) Loeb 308		

	Speck Auditorium	<i>readout algorithms:</i> (materials) Speck Auditorium			
Saturday 23	Kenneth Harris Dan Hill: <i>Spike Sorting I:</i> (materials) Speck Auditorium	Kenneth Harris Dan Hill: <i>Spike Sorting II:</i> (materials) Speck Auditorium	Lunch Talks (Signup sheet) Meigs Room	Kenneth Harris Dan Hill: <i>Spike Sorting Lab:</i> 2:00 - 4:00PM (materials) Loeb 308	

## Week II

August	9:00 am - 10:15 am	10:30 am - 12:00 pm	12:00 pm - 2:00 pm	2:00 pm - 3:00 pm	3:15 pm - 4:15 pm	7:30 pm - 8:30 pm	8:30 pm - 9:30 pm
Sunday 24	No Lectures Or Other Scheduled Events						
Monday 25	Helen Barbas: <i>Neuroanatomy I: Experimental methods; brain architecture.:</i> (materials) Speck Auditorium	Jason Bohland: <i>Neuroanatomy II: Human brain atlases:</i> (materials) Speck Auditorium	Barry Richmond: TBA: 12:15 - 1:00PM (materials) Meigs Room	David Van Essen: <i>Surface-based approaches to analyzing cortical structure and function:</i> (materials) Speck Auditorium	David Van Essen: <i>Neuroinformatics resources on the web:</i> (materials) Speck Auditorium	Jason Bohland: <i>Demo and Tutorial:</i> (materials) Loeb 308	David Van Essen: <i>Surface-based morphometry using Caret software:</i> (materials) Loeb 308
Tuesday 26	John Lin: <i>Databases:</i> (materials) Speck Auditorium	Michael Hawrylycz: <i>Allen Gene Expression Atlas:</i> (materials) Speck	Lunch Talks (Signup sheet) Meigs Room	John Lin Jason Bohland: <i>Databases Tutorial:</i> 2:00 - 4:00PM (materials) Loeb 308	Data Analysis Challenge Loeb 308		

		Auditorium					
Wednesday 27	Partha Niyogi: <i>Machine Learning I:</i> (materials) Speck Auditorium	Partha Niyogi: <i>Machine Learning II:</i> (materials) Speck Auditorium	Lunch Talks (Signup sheet) Meigs Room	Nicholas Schiff: <i>EEG:</i> (materials) Speck Auditorium	Data Analysis Challenge Loeb 308		
Thursday 28	Data Analysis Challenge Loeb 308		Lunch Talks (Signup sheet) Meigs Room	Ross Whitaker: <i>Computational Neuroanatomy: I:</i> (materials) Speck Auditorium	Basilis Zikopoulos: <i>Computational Neuroanatomy: II:</i> (materials) Speck Auditorium	Basilis Zikopoulos: <i>Tutorial: Computational Neuroanatomy:</i> 4:15 - 5:00PM (materials) Loeb 308	<i>Reception (cocktail hour):</i> 6:00PM - 7:00PM Meigs Room <hr/> <i>Banquet, Party:</i> 7:30PM - 12:00AM Meigs Room
Friday 29	Data Analysis Challenge (materials) Loeb 308			Data Analysis Challenge (materials) Loeb 308			
Saturday 30	Data Analysis Challenge (materials) Loeb 308			Data Analysis Challenge: Presentations (2pm-4pm) (materials) Loeb 308			