

VIIth Bay Area Population Genomics Conference

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Registration is FREE but REQUIRED

Date: February 2, 2013 (Saturday),

Place: [Stanford University, Herrin Hall T175](#)

**Sign up
RSVP by
January 15** [Attendee List](#)

CONTACT: Dmitri Petrov; dpetrov@stanford.edu

SCHEDULE

9:00 AM	Breakfast Buffet	
9:30 AM	Kirk Lohmueller, Nielsen/Lohmueller Labs, Berkeley/UCLA	Exome sequencing and heterogeneity of complex trait
9:50 AM	Ben Callahan, Fisher Lab, Stanford	Experimental evolution of niche construction
10:10 AM	Joshua Schraiber, Slatkin Lab, Berkeley	Theory and application of Wright-Fisher diffusion bridges
10:30 AM	Coffee Break	
10:50 AM	Pleuni Pennings, Petrov Lab, Stanford	Soft and hard selective sweeps in HIV
11:10 AM	Anand Bhaskar, Song Lab, Berkeley	Exact comparison between Kingman's coalescent and discrete Wright-Fisher model for large sample sizes
11:30 AM	Qi Zhou, Bachtrog Lab, Berkeley	Atlas of avian sex chromosome evolution
11:50 AM	Lunch (register if you would like to get food!) and Posters	
1:00 PM	Nandita Garud, Petrov Lab, Stanford	Evidence that recent adaptation in <i>Drosophila</i> is primarily driven by soft sweeps
1:20 PM	Jeremy Roop, Brem Lab, Berkeley	Rare variants drive common traits in <i>S. paradoxus</i>
1:20 PM	Hunter Fraser, Fraser Lab, Stanford	Gene expression drives local adaptation in humans
	POSTERS:	
	Scott Roy, Roy Lab, SFSU	Many different solutions to the same problem: subcellular targeting of MDH genes in fungi
	Joel Thompson, Fisher Lab, Stanford	Evolutionary Dynamics and Diversity in Microbial Populations
	Rajiv McCoy, Boggs/Petrov	Evaluating methods of demographic inference using genomic data from the checkerspot butterfly <i>Euphydryas gillettii</i>
	Alan Bergland, Petrov Lab, Stanford	Genomic evidence of rapid and stable adaptive oscillations over seasonal time scales in <i>Drosophila</i> .
	David Lawrie, Petrov Lab, Stanford	Strong Purifying Selection at Synonymous Sites in <i>D. melanogaster</i>

Sandeep Venkataram, Petrov Lab, Stanford Epistasis and Repeatability of evolution in Fisher's Geometric Model

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