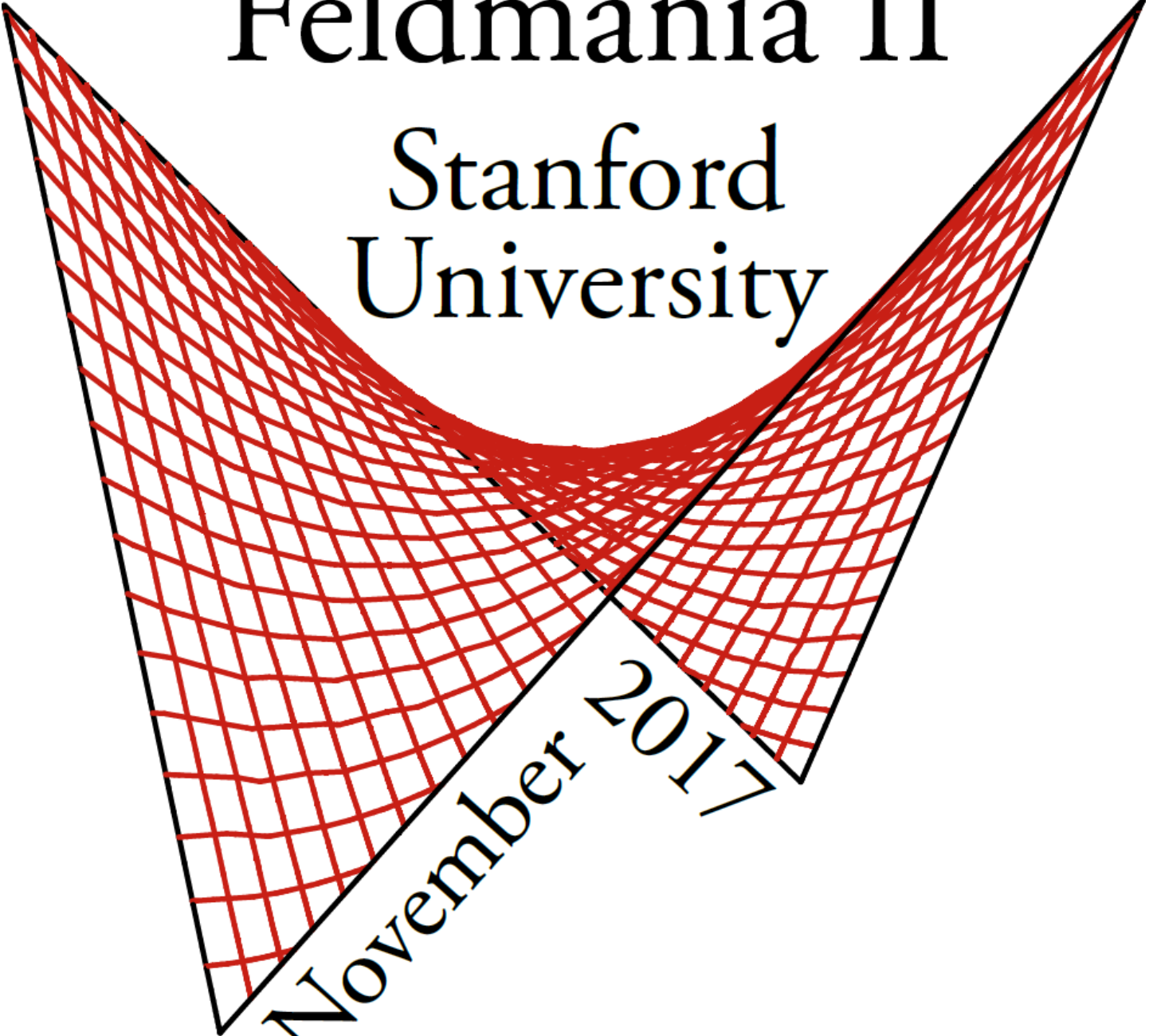


# Feldmanian II

Stanford  
University



November 2017

## MEETING SCHEDULE

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### Thursday, November 9

*Parking: "A" spots on Galvez and elsewhere are not monitored after 4pm. No permit is needed.*

6:30pm-8:30pm            Welcome reception,  
Lane & Lyons rooms of Arrillaga Alumni Center

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### Friday, November 10 (breakfast, lunch, talks & posters in Tresidder Oak Room)

*Parking: visitor parking in the Tresidder lot is monitored until 4:00. A limited number of permits are available for parking in "A" spots (see Susan Mello).*

8:30am-9:00am            Continental breakfast  
9:00am-12:00pm        Session 1: Sex, recombination & adaptation  
12:00pm-1:30pm        Group photo & buffet lunch  
1:30pm-4:30pm        Session 2: Social & microbial evolution  
4:30pm-5:30pm        Poster session

*Dinner: the evening is not organized. Larry Bond has reserved a few tables at local restaurants for self-organized groups, under the name "FELDMANIA." Sign up with Susan Mello by the end of the afternoon coffee break.*

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### Saturday, November 11 (breakfast, lunch, talks & posters in Tresidder Oak Room)

*Parking: "A" spots in the Tresidder lot and elsewhere are not monitored on weekends. No permit is needed.*

8:30am-9:00am            Continental breakfast  
9:00am-12:10pm        Session 3: Human and genomic population genetics  
12:10pm-1:30pm        Buffet lunch  
1:30pm-4:30pm        Session 4: Populations, resources, conservation & culture  
6:00pm-10:00pm        Banquet, Paul Brest Hall

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8:30am-9:00am Continental breakfast & poster set-up

9:00am-12:00pm Session 1. Sex, recombination & adaptation

*Moderator:* **Sally Otto**

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|-------|------------------------|---|
| 9:00  | <b>Lee Altenberg</b>   | The reduction principle                                       |
| 9:20  | <b>Daniel Weissman</b> | Hitchhiking in space  |
| 9:40  | <b>Joanna Masel</b>    | Decomposing the traits underlying density-dependent selection |
| 10:00 | Coffee break           |   |
| 10:30 | <b>Adi Livnat</b>      | The role of sex in evolution and the nature of mutation       |
| 10:50 | <b>Andrew Clark</b>    | Mother's curse, father's curse                                |
| 11:10 | <b>Aviv Bergman</b>    | Everything not forbidden is allowed                           |
| 11:30 | Q&A discussion         |   |

12:00pm-1:30pm Group photo & lunch

1:30pm-4:30pm Session 2. Microbial & social evolution

*Moderator:* **Dmitri Petrov**

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|------|-------------------------|--|
| 1:30 | <b>Bruce Levin</b>      | Marc Feldman's contributions to microbial population biology and evolution                         |
| 1:50 | <b>Ben Kerr</b>         | Division of labor across the major evolutionary transitions  |
| 2:10 | <b>Michael Lachmann</b> | Function in physics  |
| 2:30 | Coffee break            |  |
| 3:00 | <b>Lilach Hadany</b>    | Non-genetic inheritance and the evolution of altruism: the potential roles of microbes and culture |
| 3:20 | <b>Jeremy Van Cleve</b> | Social evolution and genetic interactions in the short and long term                               |
| 3:40 | <b>Michael Desai</b>    | The dynamics of molecular evolution over 60,000 generations  |
| 4:00 | Q&A discussion          |  |

4:30pm-5:30pm Poster session

8:30am-9:00am Continental breakfast

9:00am-12:10pm Session 3. Human & genomic population genetics

*Moderator:* **Jonathan Pritchard**

- 9:00 **David Ardell** Evolution of interaction-determining features and functional turnover in *Drosophila* tRNA
- 9:20 **David Goldstein** Precision medicine in neuropsychiatry
- 9:40 **Hunter Fraser** The race to understand human variation. On your Marc...
- 10:00 **Oana Carja** The cellular cartographies of cancer (and their role in shaping tumor evolutionary dynamics)
- 10:20 Coffee break
- 10:45 **Marcy Uyenoyama** Allele frequency spectra in structured populations
- 11:05 **Julie Granka** Detailed characterization of demographic history in the United States
- 11:25 **Sohini Ramachandran** New methods for localizing adaptive mutations from genomic data
- 11:45 Q&A discussion

12:10pm-1:30pm Lunch

1:30pm-4:30pm Session 4. Populations, resources, conservation & culture

*Moderator:* **Noah Rosenberg**

- 1:30 **Nicole Creanza** Mother tongues? A global study of sex-based cultural transmission of language
- 1:50 **Mark Tanaka** Niche construction and adaptive landscapes
- 2:10 **Shuzhuo Li** Population transition, policy change, and dynamics of gender imbalance governance in China
- 2:30 Coffee break
- 3:00 **Carl Bergstrom** Contest models and the inefficiency of scientific funding systems
- 3:20 **Marissa Baskett** Applying evolutionary theory to conservation management
- 3:40 **Oren Kolodny** One migrant too many? Reconsidering the “one migrant per generation” rule in management of endangered species’ populations
- 4:00 Q&A discussion; concluding comments by **Marc Feldman**