

CANDy Workshop

Andlinger Center for Energy and the Environment
Room 103
86 Olden Street, Princeton University
Princeton, NJ 08544



ADAPTIVE SYSTEMS (with a focus on networks)

May 18, 2017

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| 12:00-1:15 | Lunch |
| 12:00 | Welcome - Jean Carlson, Corina Tarnita, and Naomi Leonard |
| 1:15-1:30 | CANDy Overview - Jean Carlson |
| 1:30-3:00 | Session I: Genes and Cells
(15 minute presentations with 30 minutes discussion)
Julien Ayroles
Mona Singh
Ned Wingreen
Josh Shaevitz |
| 3:00-3:30 | Break |
| 3:30-5:00 | Session II: Methods
(15 minute presentations with 30 minutes discussion)
Linda Petzold (lead)
Amit Singer
Emmanuel Abbe
Yannis Kevrekidis |
| 6:00 | Participant Dinner - Off-Site |

May 19, 2017

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| 8:30-9:00 | Continental Breakfast |
| 9:00-10:30 | Session III: Epidemiology and Immunology
(15 minute presentations with 30 minutes discussion)
Cherie Briggs (lead)
Andrea Graham
Jessica Metcalf
Alex Ploss |
| 10:30-11:00 | Break |

May 19, 2017 (continued)

- 11:00-12:30 **Session IV: Physical adaptive structures**
(15 minute presentations with 30 minutes discussion)
Megan Valentine (lead)
Sigrid Adriaenssens
Hod Lipson
Jose Avalos
- 12:30-1:30 **Lunch**
- 1:30-3:00 **Session V: Decision making networks**
(15 minute presentations with 30 minutes discussion)
Naomi Leonard (lead)
Elke Weber
Alin Coman
Simon Levin
- 3:00-3:30 **Break**
- 3:30-5:00 **Session VI: Self-organization, Emergence and Resilience**
(15 minute presentations with 30 minutes discussion)
Corina Tarnita (lead)
Bernard Chazelle
Jean Carlson
- 5:00-5:30 **Next Steps**