

## The Principles of Complexity: Life, Scale, and Civilization III

## SANTA FE INSTITUTE Robert Noyce Conference Room August 25<sup>th</sup> and 26<sup>th</sup>, 2014

## **Agenda**

Monday, August 25th, Workshop DAY 1	<u>2014</u>
8.15am	Shuttle from Hotel Santa Fe to Santa Fe Institute
8.30	BREAKFAST
9.00	<b>Jerry Sabloff</b> Santa Fe Institute Welcome and opening remarks
9.10	Universal Patterns in the Emergence of Complex Societies Part I - Presentations Jerry Sabloff, Chair, Santa Fe Institute Laura Fortunato, Chair, University of Oxford Eric Rupley, Santa Fe Institute
10.30	COFFEE BREAK
10.45	Part II -Presentations Paula Sabloff, Santa Fe Institute Scott Ortman, University of Colorado - Boulder Tim Kohler and Stefani Crabtree, Washington State University
12.15pm	LUNCH
1.15	Evolution of Complexity and Intelligence on Earth Part I - Presentations David Krakauer, Jessica Flack, Chairs University of Wisconsin - Madison, The Center for Complexity & Collective Computation (C4)
3.00	TEA
3.30	Part II – Challenges in Complexity Bryan Daniels, Philip Poon, Chris Ellison, Eddie Lee University of Wisconsin - Madison, The Center for Complexity & Collective Computation (C4)
4.45	Recap of the day
5.30	Cocktails

6.00 Dinner at Santa Fe Institute

**7.30 and 8.00** *Shuttle will leave for Hotel Santa Fe* 

Tuesday, August 26th, 2014

Workshop DAY 2

8.15am Shuttle from Hotel Santa Fe to Santa Fe Institute

8.30 BREAKFAST

9.00 The Hidden Laws that Pervade Complex Biological and

Social Phenomena Part I - Presentations

Geoffrey West, Luis Bettencourt, Chairs

Santa Fe Institute

10.30 COFFEE BREAK

10.45 *Part II - Presentations* 

Andres Gomez-Leviano, Arizona State University

Hyejin Youn, *University of Oxford* Markus Schlapfer, *Santa Fe Institute* Marcus Hamilton, *Santa Fe Institute* 

Madeleine Daepp, Washington University- St. Louis Scott Ortman, University of Colorado - Boulder

12.00 LUNCH

1.00pm Education Project: Complexity Explorer

Melanie Mitchell, Chair, Portland State University

David Feldman, College of the Atlantic

Liz Bradley, University of Colorado, SFI external faculty

Andee Rubin, TERC

3.00 TEA

3.45 Final Analysis

Jerry Sabloff – Moderator

David Krakauer, Jessica Flack, Melanie Mitchell, Ginger Richardson, Geoffrey West, Luis Bettencourt,

Laura Fortunato

4.45 Going forward

**5.00** Shuttle will leave for Hotel Santa Fe