



**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 25<sup>th</sup>, 2014**

**Workshop DAY 1**

- 8.15am** *Shuttle from Hotel Santa Fe to Santa Fe Institute*
- 8.30** **BREAKFAST**
- 9.00** **Jerry Sabloff** *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*  
Eric Rupley, *Santa Fe Institute*
- 10.30** **COFFEE BREAK**
- 10.45** ***Part II - Presentations***  
Paula Sabloff and Skyler Cragg, *Santa Fe Institute*  
Scott Ortman, *University of Colorado - Boulder*  
Tim Kohler and Stefani Crabtree, *Washington State University*  
Laura Fortunato, *Chair, University of Oxford*
- 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 26<sup>th</sup>, 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*
- 10.15**                                      **COFFEE BREAK**
- 10.30**                                      *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 Daepf, *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*