

A Santa Fe Institute workshop funded by the Miller Omega Program

# LIMITS: THE ROLE OF COLLECTIVE EFFECTS IN INDIVIDUAL & TEAM PERFORMANCE

JUNE 25–27, 2018 • SANTA FE, NEW MEXICO • SANTA FE INSTITUTE

Organized by Jessica Flack & John Krakauer

## PROCEEDINGS

We'd like for this meeting to be informal and discussion-heavy, but it is a diverse group so we need to set foundations first: *We are asking each speaker to either lay out the challenges as he or she sees them with respect to exploring the importance of collective effects OR to introduce a set of methods from the study of collective behavior that could potentially be of use.* The talks should not be work talks but should be fun and forward-looking.

At the end of each session, we have designated a discussion leader whom we ask to make a few provisional remarks to get the discussion going around themes common to that session and, when possible, running across sessions. If we have asked you to give a talk, *please aim for 20 minutes with an additional 10 minutes of discussion.*

## AGENDA

### MONDAY JUNE 25

8:30a Continental breakfast at SFI  
9:00 Introductions around the room  
*Big Picture Issues*  
9:15 Jessica Flack  
9:45 John Krakauer  
10:15 Brian Ferguson  
10:45 Coffee Break  
11:00 Scott Page  
11:30 Discussion of common themes  
led by Cade Massey  
12:30p Lunch  
*Chemistry & Synergy*  
1:30 Cade Massey  
2:00 David Krakauer  
2:30 Coffee Break  
2:45 Dean Oliver  
3:15 Simon Garnier  
3:45 Caterina DeBacco  
4:15 Discussion of common themes  
led by Scott Page  
5:00–5:15 Adjourn  
7:00 BBQ at SFI

### TUESDAY JUNE 26

8:30a Continental breakfast at SFI  
*Physical & Mental Limits*  
9:30 Alex Hutchinson  
10:00 Michael Joyner  
10:30 Coffee Break  
10:45 Chris Kempes  
11:15 Paul Dituro  
11:45 Discussion of common themes  
led by John Krakauer  
12:30p Lunch  
*Streaks & Flow*  
1:30 Steve Kotler  
2:00 Joshua Miller  
2:30 Coffee Break  
2:45 Sid Redner  
3:15 Bill Miller in discussion with  
David Krakauer  
3:45 Discussion of common themes  
led by Jessica Flack  
4:45 Adjourn  
5:00 Group dinner in town

### WEDNESDAY JUNE 27

8:30a Continental breakfast at SFI  
*Synchronicity & Coordination*  
9:30 Christine Legare  
10:00 Kevin O'Keeffe  
10:30 Coffee Break  
10:45 Bryan Daniels  
11:15 Eddie Lee  
11:45 Discussion of common themes  
in this session and across  
meeting led by David Krakauer  
12:30p Lunch  
2:00 Group discussion & planning  
for 2019 meeting led by Jessica  
Flack and John Krakauer  
4:30 Adjourn



SANTA FE INSTITUTE

MΩΠ  
The Miller Omega Program

This workshop has been generously supported by  
Bill Miller through the Miller Omega Program.