

COLLECTIVE INTELLIGENCE, MARKETS, & PREDICTION

A [Santa Fe Institute](#) Short Course

October 12-13, 2017 | Private midtown club: 7 West 43rd St., New York City, NY

This accessible, two-day executive education course provides an intensive introduction to information aggregation mechanisms in complex systems. The focus will be on crowdsourcing and the wisdom of crowds, collective intelligence, prediction markets, forecasting under uncertainty, and the role of diversity. The concepts and tools we discuss will be useful for any system in which strategic decisions are made by heterogeneous, error-prone agents extracting regularities from noisy data — whether neurons, monkeys, portfolio managers, election pundits, or sports analytics teams trying to determine rankings.

Through lectures, exercises, interactive discussions with SFI faculty, prominent guest faculty from other institutions, and your fellow participants, you will gain understanding of how these concepts and tools might be applied to financial markets, sports analytics, intelligence analysis, election forecasting, design of hybrid AI and human intelligence systems, and optimizing search and team performance. This course does not require any prior knowledge of math or data analysis.

Click [here](#) to register.

[Jessica Flack](#)

Santa Fe Institute

Director, [Collective Computation Group](#)

Course Director

[Scott Page](#)

University of Michigan & SFI

Author of [The Diversity Bonus](#)

The Role of Diversity in Collective Intelligence

[Anita Williams Woolley](#)

Carnegie Mellon

Collective Intelligence & the Key Factors

Influencing Team Performance

Group Task: *Assessing Collective Intelligence*

[Shyam Sunder](#)

Yale University

Information Aggregation in Markets

[Michael Mauboussin](#)

BlueMountain Capital & SFI

Author of [The Success Equation](#)

The Wisdom & Whims of the Crowd

[Rajiv Sethi](#)

Columbia University & SFI

Prediction Markets

[James Surowiecki](#)

Journalist

Author of [The Wisdom of Crowds](#)

Evening Talk

[Cade Massey](#)

Wharton

Co-host of [Wharton Moneyball](#)

Experts: Can't Live With Them, Can't Just Replace'em with an Algorithm

Panel – Stock Market Prices: Information or Influence?

[Bill Miller](#), Miller Value Partners

[Jason Zweig](#), Wall Street Journal

[Kent Daniel](#), Columbia University

[Michael Mauboussin](#), BlueMountain Capital

[Paul Tetlock](#), Columbia University

Subject to change. Please visit the [event wiki](#) for the most up-to-date information.

Special thanks to SFI Trustee Theodore C. Rogers for his support.

Image: *The Wedding Dance*, Pieter Bruegel the Elder (c. 1526/31–1569)



SANTA FE INSTITUTE

Searching for Order in the Complexity of Evolving Worlds