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

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

Shyam Sunder
Yale University
Information Aggregation in Markets

Rajiv Sethi
Columbia University & SFI
Prediction Markets

Subject to change. Please visit the event wiki for the most up-to-date information.

Michael Mauboussin
BlueMountain Capital & SFI
Author of The Success Equation
The Wisdom & Whims of the Crowd

James Surowiecki
Journalist
Author of The Wisdom of Crowds
Evening Talk

Scott Page
University of Michigan & SFI
Author of The Diversity Bonus
The Role of Diversity in Collective Intelligence

Cade Massey
Wharton
Co-host of Wharton Moneyball
Experts: Can't Live With Them, Can't Just Replace'em with an Algorithm

Anita Williams Woolley
Carnegie Mellon
Collective Intelligence & the Key Factors Influencing Team Performance
Group Task: *Assessing Collective Intelligence*

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

SANTA FE INSTITUTE *Searching for Order in the Complexity of Evolving Worlds*