# ON THE EXPERIMENTAL AND BEHAVIORAL ASPECTS OF FINANCIAL MARKETS

## **PROGRAM**

Friday, January 11, 2019

Location: Argyros Forum, Room 201

9 a.m	Continental Breakfast
9:15 to 9:20 a.m.	Welcome
9:20 to 10 a.m.	Oprea "On the general equilibrium implications of experimentally revealed preferences"
10 to 10:40 a.m.	Asparouhova "Competitive off-equilibrium price and allocation dynamics (with application to asset pricing)"
10:40 to 11 a.m	Break (coffee and tea provided)
11 to 11:40 a.m.	Cipriani "Endogenous leverage and default in the laboratory"
11:40 a.m. to 12:20 p.m	Rietz "The effect of default life-cycle funds on retirement savings allocations"
12:20 to 1:50 p.m.	Lunch (Argyros Forum, Faculty Athenaeum)
1:50 to 2:30 p.m.	Foucault "Demand for information, macroeconomic uncertainty, and the response of U.S. Treasury securities to news"
2:30 to 3:10 p.m.	Hendershott "Relationship trading in OTC markets"
3:10 to 3:30 p.m.	Break (coffee and tea provided)
3:30 to 4:10 p.m.	Cronqvist "Limited attention to detail in financial markets"
4:10 to 4:50 p.m.	Tuinstra "Prices versus returns in learning to forecast experiments of financial markets"
4:50 to 5 p.m.	Concluding remarks

## SPEAKERS' BIOS



### ELENA ASPAROUHOVA

Elena is the Frances A. Madsen Professor in the Finance Department of the University of Utah. Elena's research interests are in the area of theoretical and experimental financial economics. They include but are not confined to: the theory of asset pricing, experimental finance, general equilibrium theory, and econometrics.

Her recent work has been centered on the effects of competition in financial markets under delegation and under asymmetric information, information percolation in dark markets, the role of perfect forecast in multi period markets, and market equilibration.

She is also involved in experimental research on the interaction of humans and robots in financial markets. She is interested in using experimentation to test the theoretical predictions of standard models as well as to discover robust phenomena on which to build new theory where those models' predictions are known to be indeterminate. Her papers have received best paper awards at the *Journal of Financial Markets* and the *Review of Finance*.

Elena's experimental research "Lucas in the Laboratory" was awarded the best paper at the Behavioral Finance and Capital Markets Conference in Australia, and her research on Information Percolation in Dark Markets received the best paper award in Investments at the Financial Management Association Meetings, 2017.

### MARCO CIPRIANI



Marco Cipriani is a research officer in the Money and Payments Studies function of the Research and Statistics Group. His research interests include Financial Markets Microstructure, Social Learning in Financial Markets, and Experimental Finance. Before joining the bank, Marco was a senior economist at the International Monetary Fund and an Associate Professor of Economics at George Washington University. Marco holds a Ph.D. from New York University.

### HENRIK CRONQVIST



Henrik Cronqvist is Professor of Finance at University of Miami Business School, where he conducts interdisciplinary research and teaches finance and management. He is also Vice Dean for Faculty and Research and Director of Ph.D. Programs. Previously, he served as Chair of the Department of Finance.

Professor Cronqvist is an internationally-known scholar in the field of behavioral finance, with a specialization in the study of the behavior of corporate executives and investors. He has published extensively in top-journals in economics, including the *American Economic Review* and the *Journal of Political Economy*, and in finance, including the *Journal of Finance*, *Journal of Financial Economics*, and *Review of Financial Studies*. He serves as an Associate Editor of the *Review of Financial Studies*, one of the top finance journals. Several of his research papers have been recognized with best paper awards at international conferences, and have been sponsored by competitive research grants. His research has been covered extensively in print and electronic media, including *The Wall Street Journal*, *Harvard Business Review*, *Financial Times*, *The Economist*, *The New York Times*, *Business Week*, *Forbes*, and CNBC.

Professor Cronqvist has led executive education programs in the U.S., Asia, and Latin America, and is actively involved in consulting with corporations, investment firms, banks, and law firms. He has developed many business cases and simulation models, which illustrate complex managerial decisions, and has led many blended and experiential education initiatives.

Prior to joining Miami Business School in 2015, Professor Cronqvist served as the Zhongkun Group Chair at China Europe International Business School (CEIBS), China's top-ranked business school. Previously, he was the McMahon Family Chair and George R. Roberts Fellow at the Robert Day School of Economics and Finance at Claremont McKenna College. He started his academic career at The Ohio State University, where he received the Fisher College of Business Pace Setter Award for Excellence in Research. He has been a Visiting Professor at Yale University and University of California - Irvine.

Professor Cronqvist received a Ph.D. in Finance from the University of Chicago Booth School of Business, and an M.S. in Business and Economics from the Stockholm School of Economics.

### THIERRY FOUCAULT



Thierry Foucault is Professor of Finance at HEC, Paris and a research fellow of the Centre for Economic Policy (CEPR). His research focuses on the liquidity of financial markets, the industrial organization of these markets, and their effect on the real economy. It has been published, for instance, in the *Journal of Finance, Journal of Financial Economics* and the *Review of Financial Studies*. He has received various research awards including prizes from the Europlace Institute of Finance, the HEC Foundation, and the Analysis Group. He currently serves on the scientific committees of the Autorité des Marchés Financiers (AMF), the Research Foundation of the Banque de France, the Norwegian Finance Initiative, was a member of the executive committee of the European Finance Association (EFA) and the scientific committee of the ESMA. He served as co-editor of the *Review of Finance* from 2009 to 2013 and is currently an Associate Editor of the *Journal of Finance*, the *Journal of Economic Theory*, and the *Review of Financial Studies*. He is co-author of "Market Liquidity: Theory, Evidence, and Policy", a textbook on the determinants of market liquidity published by Oxford University Press in 2013.

### TERRENCE HENDERSHOTT



Terrence Hendershott currently is the Willis H. Booth Chair in Banking and Finance as a professor at the Haas School of Business at the University of California, Berkeley. He completed his Ph.D. at the Graduate School of Business at Stanford University. Terry's current research interests include information technology's impact and role in financial markets, the structure and regulation of financial markets, and the interaction between trading and asset price dynamics. His writing has appeared in the *Financial Times* and *The Wall Street Journal* and his research has been written about in *The New York Times*, *The Wall Street Journal*, and other national newspapers and magazines. His academic work has been published in the *Journal of Finance*, the *Review of Financial Studies*, the *American Economic Review*, the *Review of Economic Studies*, and other scholarly journals. He edited *Elsevier's Handbook of Economics and Information System*. He has received a National Science Foundation CAREER award for his research on electronic trading in financial markets. He was the visiting economist at the New York Stock Exchange in 2006 to 2007. He was a member of the Nasdaq Economic Advisory Board from 2004 to 2007 and Chair in 2007. He has consulted for various financial markets and investment firms.

### RYAN OPREA



Ryan Oprea is a Professor of Economics at the University of California, Santa Barbara. His research uses experimental economics to study economic dynamics and disequilibrium behavior in competitive markets, individual choices, and games.

### THOMAS A. RIETZ



Thomas Rietz earned his Ph.D. in economics at the University of Iowa. He served on the faculty at Northwestern University prior to returning to Iowa as a faculty member in the Finance Department in 1993. In addition to being an award winning teacher, Professor Rietz has received a number of research awards and published in top outlets in a range of fields including: Finance, Economics, Game Theory, Management, Forecasting, Computer Science, Political Science, Law and Multidisciplinary Science. His work has been the subject of many popular press features appearing in such places as: *Barron's, Bloomberg News and Radio, CBS Market Watch, The Economist, Financial Times, Good Morning America, CNNfn, Reuters, The New York Times, USA Today, The Wall Street Journal and The Washington Post.* 

Professor Rietz uses a combination of theoretical, empirical and experimental work in his research in behavioral economics and finance. Current areas of interest include: trust and trustworthy behavior, reputation formation and reformation, rationality of decision making, asset allocation choices and prediction markets. He served three terms as the section head for finance on the executive committee of the Economic Science Association, the professional organization for experimental economists. Professor Rietz is on the Iowa Electronic Markets (IEM) steering committee and uses the IEM in both research and teaching.

Professor Rietz is the Departmental Executive Officer for the Finance Department and teaches Commercial Banking, Financial Management and Putting Finance into Practice.

### JAN TUINSTRA



Jan Tuinstra is professor of mathematical economics at the University of Amsterdam. His theoretical research is on topics from industrial organization and competition policy, as well as on models of bounded rationality, such as individual learning and evolutionary competition between behavioral strategies. Much of his experimental work is devoted to "learning to forecast" laboratory experiments, that study how people form expectations in different economic environments, and the implications for aggregate behavior. These experiments have contributed to understanding the emergence of bubbles and crashes in financial markets.

Jan Tuinstra has been published in, amongst others, the *Review of Financial Studies*, the *RAND Journal of Economics and Games and Economic Behavior*. He is associate editor of the Journal of Economic Dynamics & Control. He completed a masters in econometrics at the University of Groningen and a Ph.D. in economics at the University of Amsterdam.

## ATTENDEE LIST

## Conference Participants Affiliation

Elena Asparouhova University of Utah Vineer Bhansali LongTail Alpha LLC Terry Burnham Chapman University Gabriele Camera Chapman University

Marco Cipriani Federal Reserve Bank of New York

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