



Herbert A. Simon
International Society



1st Conference Herbert Simon Society

BOUNDED RATIONALITY UPDATED

New York (USA), April 8th-10th 2013

8th-9th April

Italian Cultural Institute
686 Park Avenue, New York, NY 10065

10th April

The Italian Academy for Advanced Studies in America, Columbia University
1161 Amsterdam Avenue, New York, NY 10027

The Herbert A. Simon Society brings together some of the most important economists and cognitive scientists critical of contemporary economic models and theory of rationality. It aims at reformulating economic theory by starting from the many non-neoclassical directions based on bounded rationality theory that have been developed in recent years. This conference is focused on three themes that were identified as particularly relevant in order to apply Simon's ideas to the contemporary debate: duality of mind, creativity, and alternative models of rational expectations.

MONDAY April 8th Afternoon

Italian Cultural Institute, 686 Park Avenue, New York, NY 10065

5.30 pm: Welcoming Remarks

Natalia Quintavalle (Consul General)

Riccardo Viale (Director Italian Cultural Institute) and Massimo Egidi (Herbert Simon Society),

5.45 pm Introduction

Katherine Simon Frank

1st Herbert Simon Honorary Lecture

Gerd Gigerenzer

(Max Planck Institute for Human Development, Berlin)

Homo Heuristicus: Why biased minds make better inferences

Chair: Richard Nelson

TUESDAY April 9th Morning (Rational Expectations)

Italian Cultural Institute, 686 Park Avenue, New York, NY 10065

9.00-9.30 am: Introductory Key Speech. Chair: Alan Kirman

Roy Radner

(Leonard N. Stern School Professor of Business at New York University)

Bounded rationality: In search of a definition

9.30-9.45 pm Discussion

10.00-11.00 Parallel sections

11.00-11.20 coffee break

11.20-12.20 Parallel sections

12.30 am-1.00 pm: Conclusive Key Speech. Chair Giovanni Dosi

Alan Kirman

(Professeur émérite de Sciences Economiques à l'Université d'Aix-Marseille III and
Directeur d'Etudes à l'Ecole des Hautes Etudes en Sciences Sociales)

Is it rational to have rational expectations?

1.00-1.15 pm Discussion

TUESDAY April 9th Afternoon (Slow and fast thinking)
Italian Cultural Institute, 686 Park Avenue, New York, NY 10065

2.30-3.00 pm: Introductory Key Speech. Chair James J. Staszewski

Ron Sun
(Rensselaer Polytechnic Institute, Troy)

On implicit vs. explicit and fast vs. slow processes

3.00-3.15 pm Discussion

3.30-4.30 pm Parallel Sections

4.30-4.50 pm Coffee break

4.50-6.20 pm Parallel Sections

6.30-7.00 pm Conclusive Key Speech. Chair Roy Radner

David Over
(Emeritus Professor in the Department of Psychology, Durham University)

New paradigm psychology of reasoning and rationality

7.00-7.15 pm Discussion

WEDNESDAY April 10th Morning (Creativity)

The Italian Academy for Advanced Studies in America, Columbia University
1161 Amsterdam Avenue, New York, NY 10027

9.00-9.30 am: Introductory Key Speech. Chair: David Over

Laura Macchi

(Professore di Psicologia, Università di Milano Bicocca)

The interpretative function of thinking in insight problem solving

Discussion on

Keith Frankish's

Getting to the heart of the dual-systems distinctions

Watch video

Download handout

9.30-11.00 am Parallel sections

11.00-11.20 am coffee break

11.20-12.20 am Parallel sections

12.30 am-1.00 pm: Conclusive Key Speech. Chair Riccardo Viale

Jonathan W. Schooler

(Professor of Psychology at the University of California, Santa Barbara)

Keeping the mind open for inspiration

1.00-1.15 pm Discussion

WEDNESDAY April 10th Afternoon

The Italian Academy for Advanced Studies in America, Columbia University
1161 Amsterdam Avenue, New York, NY 10027

5.30-6.30 pm ***Round Table: Bounded rationality updated***

Chair Riccardo Viale

Introduction by Marco Novarese

with Massimo Egidi, Laura Macchi, David Over, Roy Radner,
Jonathan W. Schooler, Ron Sun

6.30 pm: 2nd Herbert Simon Honorary Lecture

Joseph Stiglitz
(Columbia University)

Rethinking macroeconomics: What went wrong and how to fix it

Chair Massimo Egidi

Parallel sections

Rational Expectations, bounded rationality, markets and investments

April 9th
10.00-12.20

Expectations (chair: A. Baldi)

Flexibility of inflation expectation formation process under adaptive learning	E. Stanislawska
Inflation targeting and macroeconomic stability with heterogeneous inflation expectations	G. T. Lima, M. Setterfield, J. J. da Silveira
Decoupling Markets and Individuals: Rational Expectations Equilibrium Outcomes from Minimally Intelligent Heuristic Traders	K. Jamal, M. Maier, S. Sunder
Optimism and Pessimism in Insurance and Hedging Markets: A Rational Departure from Rational Expectations	P. J. Gutierrez, C. R. Palmero

Markets and investment (chair: D. Bögenhold)

Buyer Power In The Kreps - Scheinkman Model: Experimental Evidence	A. Orland, R. Selten
Information processing and asset trade specialization	M. Eboli
Overconfidence, risk aversion and individual financial decisions in experimental asset markets	J. Michailova
A model of business angel investing	A. Klabunde

Evolutionary models (R. Mabsout)

Heterogeneous Banks and Sovereign Debt in an Evolutionary Model of Endogenous Growth and Fluctuations	G. Dosi, G. Fagiolo, M. Napoletano, A. Roventini, T. Treibich
Who gets more profit on a market? Heterogenous agents in varying market contexts	H. Nobuyuki, J. Rouchier
The Emergence of Trust in Uncertainty: 'Reason', 'Expectation', 'imitation' and 'Calculation'	Y. Zhang, W. Elsner
The dynamics of organizational structures and performances under diverging and distributed cognitions and capabilities	G. Dosi, L. Marengo

Slow and fast thinking

April 9th
3.00-6.20 pm

Slow and fast thinking (chair L. Macchi)

The Slow and the Social – Two Studies of Reaction Time and Public Good Provision	J. Lohse, T. Goeschl
Deciding, Fast and Slow	C. Kops
The embodiment of slow and fast thinking	A. Mastrogiorgio, E. Petracca
Thinking Faster and Better: Acquiring Expertise Eases Limitations of Bounded Rationality	J. J. Staszewski
Slow and fast thinking, historical-cultural psychology and some major trends of modern epistemology: analysis of a fundamental convergence	N. Bulle

Heuristics (chair O. Gunes)

From Perception to Preference and on to Inference: Towards Theory Integration	S. Luan, L. J. Schooler, G. Gigerenzer
The Cognitive Processes Underlying Risky Choice	E. Brandstätter, M. Gussmack
The origins of the intuitive “Feeling of Rightness”	V. Thompson
Economic Decision Making: How Our Brain Works	J. Tomer
The choice-experience feedback loop: Choosing and judging with small and biased samples	P. Pipergias Analytis, K. Katsikopoulos

Experiments (chair M. Johnson)

Cognitive load and strategic sophistication	S. Allred, S. Duffyz, J. Smith
Looking for the best deal: How numeracy and reflexive thinking are associated with fast and slow processes	M. Graffeo, L. Polonio, N. Bonini
On the short horizon of spontaneous iterative reasoning in logical puzzles and games	K. Mazzocco, A. M. Cherubini, P. Cherubini
Decision and dopaminergic system: iowa gambling task and parkinson disease	D. Mapelli, E. Di Rosa, M. Cavalletti, S. Schiff, S. Tamburin
In Defense of Human Rationality (in Deviant “Bi-Auctions”)	J. Johnson, S. Bringsjord

Creativity and other stuffs

April 10th
9.30-12.20 am

(chair **M. Novarese**)

Exchange of ideas and creative productivity: an experiment	I. Sikora
Individual Creativity, Ex-ante Goals and Financial Incentives	G. Charness, D. Grieco
The non-logical logic of discovery and creativity	R. Mabsout

Evolution and learning (chair **J. Rouchier**)

Experimental evolutionary robotics for ecological rationality. The case of intertemporal choice	F. Paglieri, D. Parisi, M. Patacchiola, G. Petrosino
Environmental complexity and cognitive functioning	C. Schooler
An Evolutionary Analysis of the Framing Effect	B. Routman
The Structure and Two Complexities of Economic Choice Semiautomata	M.R. Johnson

Rationality (chair **N. Bulle**)

Bounded Rationality and Beyond: What is Rational when Talking about Rationality, and what Drives Human Action?	D. Bögenhold
Violations of Expected Utility Theory: How to Model Them? Are they Rational? Are These the Right Questions?	K. Katsikopoulos
A Model of Introspection with Time	O. Gorelkina, A. Llorente-Saguer
An essay on conceptual investigation of bounded rationality: Smithian and Benthamian point of view on satisficing	O. Gunes