CEAR Workshop: Conditional Games and Strategic Risk

September 19 and 20, 2016

Rome, Italy: Villino Volterra, Via Vito Volterra, 1 Ariccia

General Information

Wynn Stirling has developed a theory of “conditional games” that represents, within the standard axiomatic and solution concept space of standard non-cooperative game theory, effects of social influence on equilibria. This arguably formalizes a framework in which the idea of team reasoning, as fostered by Michael Bacharach and Robert Sugden among others, can be represented. Weighing conditional strategies typically introduces a new source of risk for an economic agent: the risk that other players won’t anticipate the conditional framing. The workshop provides a focused technical context in which to address issues around risk associated with social coordination, which is pervasive but often ignored in strategic modeling.

Keynote

The keynote address will be given by Professor Wynn Stirling, Professor of Electrical and Computer Engineering and Dean of Graduate Studies at Brigham Young University. His current research interests include multi-agent decision theory, estimation theory, information theory and stochastic processes. He is the author or co-author of more than 70 publications, including Satisficing Games and Decision Making (New York: Cambridge University Press, 2003) and of course Theory of Conditional Games (New York: Cambridge University Press 2011).

Organizers

Glenn Harrison (Georgia State University), Don Ross (University of Cape Town) and Luca Tummolini (Institute of Cognitive Sciences and Technologies) are the organizers of this workshop. Funding is being provided by the Center for the Economic Analysis of Risk (CEAR) at Georgia State University: see cear.gsu.edu for more information on CEAR. Standard travel and accommodation support for paper presenters will be provided. Should you have questions, please contact Professor Don Ross at don.ross931@gmail.com about the substance of the workshop, and contact Mark Schneider at cear@gsu.edu with questions about participation and logistics.

Dates & Times

Monday, September 19, 2016 – 8:55 to 18:00. Refreshments and lunch will be provided.
Monday, September 19, 2016 – 20:00 – Dinner for invited guests.
Tuesday, September 20, 2016 – 10:00 to 16:00. Refreshments and lunch will be provided.

Contact Mark Schneider at cear@gsu.edu should you have any dietary restrictions or special needs.

Location

The workshop will be held at Villino Volterra, just outside Rome. Villino Volterra was built in the early twentieth century, and is surrounded by a beautiful garden. More information is available at http://www.villinovolterra.it/
Presenters and attendees

Francesco Guala  
University of Milan  
francesco.guala@unimi.it

Natalie Gold  
King’s College London  
natalie.gold@kcl.ac.uk

Glenn W. Harrison  
Georgia State University  
gharrison@gsu.edu

Andre Hofmeyr  
University of Cape Town  
andre.hofmeyr@gmail.com

Guilhem Lecoutuex  
University of Nice Sophia Antipolis  
lecouteuxg@gmail.com

Giovanni Ponti  
University of Alicante  
giuba92@gmail.com

Don Ross  
University of Cape Town & Georgia State University  
don.ross931@gmail.com

E. Elisabet Rutström  
Georgia State University (CEAR)  
erutstrom@gmail.com

Wynn C. Stirling  
Brigham Young University  
wynn_stirling@byu.edu

John Thielman  
Georgia State University  
jthielman@gsu.edu

Luca Tummolini  
Institute of Cognitive Sciences and Technologies  
luca.tummolini@istc.cnr.it

Tad Zawidzki  
George Washington University  
tad.zawidzki@gmail.com

Daniela Di Cagno  
LUISS  
ddicagno@luiss.it

Werner Guth  
LUISS  
gueth@coll.mpg.de
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:55 – 09:00</td>
<td>Welcome &amp; Introduction (coffee provided)</td>
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<tr>
<td>09:00 – 10:30</td>
<td>“Team Agency and Conditional Games” Andre Hofmeyr</td>
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<td>10:30 – 10:45</td>
<td>Break (coffee provided)</td>
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<td>10:45 – 12:15</td>
<td>“Theory of Coordinated Agency” Wynn C. Stirling</td>
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<td>12:15 – 13:30</td>
<td>Lunch (provided)</td>
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<td>13:30 – 15:00</td>
<td>“A Theory of Collaborative Interaction” Luca Tummolini</td>
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<td>15:00 – 15:15</td>
<td>Break (coffee provided)</td>
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<td>15:15 – 16:45</td>
<td>“Households as Teams: Theory and Evidence” Glenn W. Harrison</td>
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<td>16:45 – 17:00</td>
<td>Break (coffee provided)</td>
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<td>17:00 – 18:00</td>
<td>Panel discussion: Can Conditional Game Theory Provide a General Account of Multi-scale Agency in Games? Is Anything Missing? Chair: Don Ross; Participants: Natalie Gold, Giovanni Ponti, first-day speakers</td>
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<td>20:00 –</td>
<td>Conference Dinner – at Villino Volterra</td>
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**PROGRAM – Tuesday, September 20, 2016**

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>10:00 – 11:30</td>
<td>“What Does ‘We’ Want? Mindreading, Team Reasoning, and Preference Formation” Guilhem Lecouteux</td>
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<tr>
<td>11:30 – 11:45</td>
<td>Break (coffee provided)</td>
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<tr>
<td>11:45 – 13:15</td>
<td>“The Roles of Mindreading and Mindshaping in Human Coordination” Tad Zawidzki</td>
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<td>13:15 – 14:30</td>
<td>Lunch (provided)</td>
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<td>14:30 – 16:00</td>
<td>“Risk and Team Agency” Don Ross</td>
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<td>16:00</td>
<td>Conference adjourns</td>
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