

**1st Conference on *Games, Interactive Rationality and Learning*
(G.I.R.L.'12@Lund)
Lund, Department of Philosophy and Cognitive Science,
April 19-21 2012**

Call for Papers – Deadline January 31, 2012

Aims of the conference

Formal philosophy relies increasingly on simulations, and sometimes on empirical test, coming closer to both computer-, cognitive- and social sciences. Some examples are learning-theoretic models of inquiry, network theory-based approaches in social epistemology, and game-theoretic evolutionary approaches of communication. The aim of the G.I.R.L.'12 Conference is to bring together researchers in philosophy, cognitive science and artificial intelligence, to investigate new areas where the game- and learning-theoretic simulation approaches can lead to fruitful results.

A central topic is *interactive rationality*, or rational behavior that emerges from interaction. Unlike “rational interaction”—its much better known sister—it does not presuppose agents to be rational to begin with. Examples are given by evolutionary game-theory, which studies rational (equilibrium-reaching) behavior emerging from interaction of non-reflective agents; or learning-theoretic models of inquiry showing how inquiry can solve inductive problems, while substituting truth-tracking efficiency to reflexive justification.

Subject

We welcome submissions of either already published research, or original material, primarily on the following topics:

- Relations between “ecological rationality” of choice and inference heuristics, and choice-, decision- and game-theoretic axiomatic approaches to rationality;
- Models of signaling games, evolutionary games, or games with bounded agents;
- Learning-theoretic approaches of inquiry, knowledge acquisition and reasoning;
- Simulation-based approaches of group learning and decision-making in networks.

Submissions on related subjects not listed above are welcome. If the number of original contributions is sufficient, we will consider the publication of a proceedings volume.

Submissions – Abstracts

Original submission: abstracts of 200-500 words, plus bibliography

Published research: abstract of the published version, plus bibliography.

Submissions should be sent electronically in *word* or *pdf* format to :

[justine\[dot\]jacot\[at\]fil\[dot\]lu\[dot\]se](mailto:justine[jacot[at]fil[dot]lu[dot]se), with "G.I.R.L.'12@Lund_Submission" in the subject line of the mail, and whether your submission is intended for the graduate session.

Deadline for submissions: January 31, 2012.

Invited Speakers (pending confirmation):

Alexandru Baltag (ILLC, Amsterdam, Netherlands)

Nina Gierasimczuk (University of Groningen, Netherlands)

Vincent F. Hendricks (University of Copenhagen, Denmark)

Kevin Kelly (Carnegie Mellon University, Pittsburgh PA, US)

Paul Pedersen (Carnegie Mellon University, Pittsburgh PA, US)

Ruth Poproski (Carnegie Mellon University, Pittsburgh PA, US)

Patricia Rich (Carnegie Mellon University, Pittsburgh PA, US)

Sonja Smets (University of Groningen, Netherlands and ILLC, Amsterdam)

Calendar/Important dates:

January, 31: Abstract submission deadline

February, 29: Authors notification

April, 19-20: Conference

April, 21: Undergraduate/Graduate Session

Local organizing Committee

Emmanuel Genot (Lund, Theoretical Philosophy)

Justine Jacot (Lund, Theoretical Philosophy)

Philip Pärnamets (Lund, Cognitive Science)

Webpage of the conference: <http://www.fil.lu.se/conferences/conference.asp?id=49&lang=se>