

# Workshop

## *Applications of game theory in the study of language*

Paris, June 15-16, 2023

University of Paris-Panthéon-Assas  
12, Place du Panthéon, salle des conseils

### With contributions by:

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**Jonathan Ginzburg** (University of Paris 7, LLF-Laboratoire de Linguistique Formelle)  
**Christoph Kuzmics** (University of Graz)  
**Christina Pawlowitsch** (University of Paris-Panthéon-Assas)  
**Daniel Rothschild** (University College London)  
**Gerhard Schaden** (CNRS, University of Lille, Laboratoire Savoirs, Textes, Langage)  
**Joel Sobel** (University of California, San Diego)  
**Benjamin Spector** (CNRS, Institut Jean Nicod, Paris)  
**Tristan Tomala** (HEC Paris)

### Call for applications:

Signaling games have been extensively studied by game theorists—be it in the form of *costly signaling*, *cheap talk*, *Bayesian persuasion*, etc. In exploring these models, game theorists and economists frequently touch on questions traditionally treated in linguistics, and they have, from time to time, ventured into linguistic interpretations of these models. In linguistics, more recently, researchers have turned to game theory and modeling frameworks bearing similarities to methods used in game theory (such as the *Rational Speech Act* model) to study questions in semantics and pragmatics. This workshop aims to enhance the exchange between these two communities.



Image: Christian Katt: "CUBE"

**Notably encouraged are:**

- linguistic assessments or applications of *costly signaling*, *cheap talk*, *Bayesian persuasion*, or other models that have been studied in game theory;
- game-theoretic treatments of problems that have been formulated in the context of established research programs in linguistics (such as scalar implicatures, vagueness, slurs, etc.);
- conceptual reflections on the interaction of game theory and the study of language;
- game-theoretic assessments of the *Rational Speech Act model*;
- formal models of dialogues and linguistic interpretations of *Bayesian dialogues*.

**Program committee:**

**Andreas Blume** (University of Arizona)

**Paul Égré** (CNRS, Institut Jean Nicod, Paris)

**Christina Pawlowitsch** (University of Paris-Panthéon-Assas)

**Benjamin Spector** (CNRS, Institut Jean Nicod)

If you would like to give a talk at this event, please write to [christina.pawlowitsch@u-paris2.fr](mailto:christina.pawlowitsch@u-paris2.fr)  
not later than **January 16, 2023**.

**Website:**

<https://game-theory.u-paris2.fr/index.html>