



LJUBLJANA DOCTORAL SUMMER SCHOOL 2016
11 - 15 July 2016

Course title: BEHAVIORAL GAME THEORY

ECTS credits: 6

Lecturer: Philipp E. Otto

Contact: otto@europa-uni.de

AIMS OF THE COURSE:

Basic introduction into the concepts of game theory and their application in behavioral and experimental settings.

COURSE SYLLABUS:

The intensive course provides an overview of the basic concepts of game theory and how these can or cannot be applied in different decision making contexts. Diverse empirical methods will be introduced, concentrating on explanatory experiments and their diverse outcomes.

A basic mathematical understanding for modelling decision making is useful, but not required. Besides the general introduction into the necessary material, experimentation, participation, and group result presentation are the main teaching methods of the course. The material is illustrated on diverse examples and discussed for various cases. Skills are acquired and strengthened in continuous knowledge tests and a final exam which are part of the individual evaluation, besides participation in the discussion and group work.

LIST OF READINGS:

- Colin F. Camerer (2003): *Behavioral Game Theory: Experiments in Strategic Interaction*, Princeton University Press.
- Erik Agner (2012): *A Course in Behavioral Economics*, Palgrave Macmillan.

TEACHING METHODS:

Lecturer's Biographical Note:

Dr. Philipp E. Otto is working in Behavioral and Experimental Economics. In 2007 he received his PhD from the University College London (UCL). In 2010 he supported the LESSAC research team at ESC Dijon on experiments in consumer behavior as well as giving classes in Statistics and Organization Management. Currently he is working for the DFG (German Science Foundation) on a project on power and responsibility at the Microeconomics Department of the Viadrina University in Frankfurt (Oder), Germany. Research interests include, among others, Matching Markets and Price Bargaining, Social Motives and Learning, Cognitive Heuristics and Strategy Selection. Publications of his appeared in international journals such as the Journal of Socio-Economics, the Journal of Experimental Economics, the Journal of Applied Cognitive Psychology, and Kyklos.