



# THE Doctoral Course on Mechanism Design

University of Hohenheim

June 23 and 24, 2014

The Tübingen-Hohenheim-Economics (THE) Association invites doctoral students and post-docs for a two-day training in the theory of Mechanism Design at the University of Hohenheim. The course is hosted by the Centre for Research on Innovation and Services (FZID) at the Faculty of Business, Economics and Social Sciences of the University of Hohenheim. It provides an introduction to general concepts and tools used in the theory of Mechanism Design and explores its applications in the fields of Economics, Finance and Business Administration. The course addresses the needs of doctoral students and post-docs with a background in Game Theory who intend to strengthen their methodical skills, discuss current research projects with other participants and discover new ways to investigate their problems at hand.

## Instructor

**Thomas Gresik** is Professor of Economics at the University of Notre Dame, United States. He has published in journals like *Games and Economic Behavior*, *International Economic Review*, and *Journal of Economic Theory* and serves as a co-editor for the *Journal of Economic Behavior & Organization*.

## Outline

The course reviews general concepts and tools used in the theory of Mechanism Design and discusses several applications:

1. Introduction to moral hazard models
2. Introduction to screening models: auctions and non-linear pricing
3. Overview of mechanism design concepts
4. The Linear Independent model
5. Regulating a monopolist
6. Designing trading mechanisms
7. Countervailing incentives
8. Optimal contracting with moral hazard and adverse selection

## Admission

Eligible for admission are doctoral students and post-docs in the fields of Economics, Finance, Business Administration and related subjects with an advanced knowledge level of Microeconomics. Interested candidates should apply before April 15, 2014 by means of an email to [intecon@uni-hohenheim.de](mailto:intecon@uni-hohenheim.de). There are no tuition fees.

## Coordinator

Prof. Dr. Benjamin Jung, Institute of Economics, International Economics, University of Hohenheim, D-70593 Stuttgart, +49-711-459-23247, [intecon@uni-hohenheim.de](mailto:intecon@uni-hohenheim.de), [www.auwi.uni-hohenheim.de](http://www.auwi.uni-hohenheim.de)