



**EDEN Seminar on Innovation Management and Economics:
Theories, methods, empirical evidence and policy challenges
Brussels – Belgium
May 4-8, 2015**

PROGRAMME

Day 1 – Monday, 4th May 2015

Bart Van Looy, Katholieke Universiteit Leuven

Topic: Organizing Innovation

Methodological focus: Case studies and simulation models

1. Organizing innovation at firm level: building blocks. Innovation dynamics: Abernathy-Utterback model. Incumbent firms facing ‘disruptive’ technological change. The ‘innovator’s dilemma’ and implications for strategies. Innovation and ambidextrous organizations.
2. Case studies for theory building and illustrative purposes. Simulation studies.

Day 2 – Tuesday, 5th May 2015

Dirk Czarnitzki, Katholieke Universiteit Leuven

Topic: Market imperfections and innovations policies

Methodological focus: Using econometrics in innovation studies, in particular treatment effects estimators

1. Reasons for “reduced” R&D investments in the economy. The impact of subsidies on R&D investments and innovation. The role of financial constraints and uncertainty for R&D investments and innovation: theoretical foundations and existing empirical evidence.
2. Measurement issues: heterogeneity of R&D investments. Issues of self-selection in empirical studies on innovation policies. Econometric estimators tackling the problem of selection bias. Examples of micro-econometric studies using Community Innovation Survey data. Practical econometric exercises using simulation techniques.

Day 3 – Wednesday, 6th May 2014

Massimo G. Colombo, Politecnico di Milano School of Management

Topic: Mergers & Acquisitions

Methodological focus: Publishing quantitative innovation studies

1. M&A and innovation: what we know and open research issues. The innovation impact of M&As: stylized facts and predictions of economic and managerial theories. The acquisition of small high-tech firms: the challenges of the acquisition implementation process.
2. Quantitative empirical methods for the study of M&A: group work analysis of the publishing journey of two quantitative papers. Definition of theoretical hypotheses; choice of sample of firms; choice of econometric model and model specification; interpretation (and counter-interpretation) of results.

Day 4 – Thursday, 7th May 2015

Cristina Rossi-Lamastra, Politecnico di Milano School of Management

Topic: Organizing collaborations with communities

Methodological focus: Using surveys in innovation studies

1. Firms' collaborations with communities of users and developers and innovation: antecedents, challenges, and consequences. Two prominent cases: crowdfunding and open source software.
2. The challenges of collecting secondary data through surveys in innovation studies. Sources of bias, sampling techniques, surveying hidden population, pilot testing, pre-testing. Web-based surveys: challenges and opportunities.

Day 5 – Friday, 8th May 2015

Stefan Haefliger, Cass Business School

Topic: User innovation

Methodological focus: Phenomenon based research in innovation studies

1. Introduction to user innovation; definition, scope, relevance, research approaches, examples. Theoretical starting points for theorizing technology in use and development in organizations and outside organizations. Understanding the social construction of technology and the identity of technological artifacts.
2. Logic of a rigorous phenomenon-based approach to studying issues in innovation; example of the phenomenon of Machinima as an application of the emergent field of user entrepreneurship. Analysis of the publishing history of an exemplary study with methodological challenges and publishing experiences. Approaches to deep data and triangulation in qualitative and mix-method studies.