

Master Thesis on ICT markets (funding opportunities available)

The candidate:

We are currently offering a topic for a master thesis for a student who studies economics, business or related fields. We offer a salary on the basis of 800€ per month (over a period of 6 month). The student must have some experience with data handling and analysis. We prefer students who have experience with stata. We also prefer students who have been involved in the field of innovation research. The master thesis has to be written in English. The position has a prospect to be transferred into a PhD position.

The topic:

The master thesis will investigate specific aspects of the interplay of intellectual property rights, especially patents, and standards. In this regard the student will have access to data that covers information on ICT companies (e.g. Microsoft, Samsung, Apple, Motorola, etc.), on technology standards (e.g. LTE, WiFi, MPEG, RFID, etc.) and patenting activities (PatStat database). The student will investigate dynamics in patent ownership, patent trade as well as patent licensing. Particular topics are:

1. Identify indicators to value technology (e.g. the number of products that build upon a specific technology, the number of patent applications for a specific technology, the number of market participants with regard to a specific technology)
2. Rank market players per technology building upon the established indicators
3. Classify the different market players (business model, market share, etc.)
4. Compare market constellations for different markets / technology / products

The student will finally draw conclusions from the above conducted analysis.

Formalities:

Professor Knut Blind, Berlin University of Technology, Faculty of Economics and Management, Chair of Innovation Economics and affiliated to the Fraunhofer Institute of Open Communication Systems (Fraunhofer FOKUS Berlin), will be the coordinator.

Contact:

Please send your application (motivation, CV, pdf of the Bachelor thesis and information on grades and courses) to Brigitte Essoun, Technische Universität Berlin, FG Innovationsökonomie, Sekr. VWS 2, Müller-Breslau-Straße 15, D-10623 Berlin or via Email to tim.pohlmann@tu-berlin.de.