



PhD Program between the Freie Universität Berlin (FUB) and the China Scholarship Council (CSC)

Open PhD Position at Freie Universität Berlin, offered only to Chinese CSC scholarship candidates 2019

Please Note: this PhD position is only offered to Chinese PhD candidates for the application in the framework of the FUB-CSC PhD Program.

<u>Department/Institute:</u>	Economics Department, John-F.Kennedy Institute for North American Studies
<u>Subject Area:</u>	Welfare Economics, Social Economics
<u>Name of Supervisor:</u>	Julia Püschel
<u>Number of Open PhD Positions:</u>	2
<u>Type of the PhD Study:</u>	Preferably Full-time; Sandwich Model Possible
<u>Project Title:</u>	Socio-Economic Impacts of Artificial Intelligence

PhD Project Description:

Artificial Intelligence technologies can be developed in compliance with legal frameworks and still not contribute to the full spectrum of human well-being for which social, psychological and environmental factors matter. It is therefore important to evaluate AI systems with respect to their longer-term and often more indirect consequences for the broad socio-economic context. The economics discipline has dealt intensively with questions of how to measure social justice and fairness and how to evaluate social costs, influencing several established well-being metrics used by national and international policy makers. One example are the OECD Guidelines on Measuring Subjective Well-being, which account for human rights but also for broader social and economic factors such as fair labor. How such existing metrics and insights from welfare economics (or combinations thereof) can be adapted to also account for the impact of AI technologies is, however, still open for debate.

Language Requirements:

IELTS: 6,5 / TOEFL: 95 ibt

Academic Requirements:

Candidates are expected to have successfully obtained a MA degree in economics. A special focus on either 1) welfare economics, 2) social economics, 3) artificial intelligence, or 4) labor market impacts of digitalization is considered a plus but could also be replaced by other specializations that align with the topic of the socio-economic impacts of AI on societies.

Information of the Professor or Research Group Leader:

Julia Püschel's recent research explores and analyzes the ways in which digitalization transforms our labor and health markets and what these changes imply on a socio-economic and political level. She is currently preparing a project in close cooperation with machine learning specialists among others from Carnegie Mellon University.
<http://www.jfki.fu-berlin.de/faculty/economics/team/persons/Pueschel/index.html>

Please Note: In a first step, the complete application should be submitted to the Beijing Office for evaluation by January 4th, 2019. Please do not contact the professor before. He/she will get in contact with you after having received the complete application via the Beijing Office in January.