

Doctoral Fellowship for a Joint Degree between Bielefeld University and the University of Amsterdam within the European Doctorate in Economics – Erasmus Mundus (EDEEM)

Topic: Expectation Formation, Social Influence and Economic Policy Design

Supervisors: Herbert Dawid (Bielefeld University), Cars Hommes (University of Amsterdam), Cees Diks (University of Amsterdam)

Short Description: The dissertation project will build on the rich literature on heterogeneous expectation dynamics (see e.g. Hommes (2013)) and opinion diffusion through social networks (e.g. Golub and Jackson (2015)) to develop models of expectation formation that incorporate social influence. It will then be explored how effects and credibility of policy measures is affected by such socially influenced expectations formation processes (see e.g. Arifovic et al. (2010)). Work in the project will mainly rely on analytical and/or simulation based analysis of agent-based models incorporating the expectation formation processes. Linking the developed models to experimental or empirical data will also be an important part of the project.

Arifovic, J., Dawid, H., Deissenberg, C. and O. Kostyshyna (2010), 'Learning Benevolent Leadership in a Heterogenous Agents Economy', *Journal of Economic Dynamics and Control*, 34, 1768-1790.

Hommes, C. (2013), *Behavioural Rationality and Heterogeneous Expectations in Complex Economics Systems*, Cambridge University Press

Golub, B. and M. Jackson (2015), 'Naïve learning in social networks and the wisdom of the crowds', *American Economic Journal: Microeconomics*, 2, 112-149.

Mobility: The expected duration of the dissertation project is three years. The doctoral student will spend the first and the third year at Bielefeld University, the second year at the University of Amsterdam and will participate in the EDEEM program (see www.edeem.de) and upon successful completion of the thesis and the program receive a joint doctoral degree from Bielefeld University and the University of Amsterdam.

Fellowship: Funding in form of a doctoral stipend is available for up to 36 months.

Application:

Please note that the application procedure for this Bielefeld-Amsterdam EDEEM fellowship differs from the usual EDEEM application procedure.

Applications should be sent to bigsem-application@wiwi.uni-bielefeld.de with the subject line 'Bielefeld-Amsterdam Fellowship 2016' and **contain two PDF files:**

1st file:

the completed official [application form](#) (saved as pdf)

a motivation letter

a detailed curriculum vitae

a copy of your last/current academic transcript/certificate

an abstract of the master's thesis

2nd file:

copies of your previous transcripts/certificates

copies of any other activities

a proof of language proficiency

anything else you would like to include

Every applicant should contact two academic or professional referees and ask them to submit a recommendation letter, directly to BiGSEM.

Application Deadline: March 31, 2016