The successful candidate will participate in the CRC project C2 “Innovation dynamics under market uncertainty and financial constraints” (further information is available at https://www.sfb1283.uni-bielefeld.de).

Main responsibilities
• Produce novel research in the areas specified in the project C2 “Innovation dynamics under market uncertainty and financial constraints”, in particular the development and analysis dynamic models of the strategic interaction of innovating firms in the presence of financial constraints. The analysis will rely mainly on the analytical and numerical characterization of Markov Perfect Equilibria of (multi-mode) stochastic differential games. The work will also involve the development and application of numerical methods for the solution of the considered games. The ideal candidate should combine a background in Industrial Organization/Economics of Innovation with expertise in Optimal Control Theory respectively the theory of Differential Games and some background or at least interest in the development and application of numerical methods.
• Participate in joint research projects and discussions in the C2 project, and contribute to events such as project-oriented workshops (approx. 5%)
• Contribute to the main topics of discussion and research in the CRC (approx. 5%)
• Assist in planning and organizing CRC events (approx. 5%)

Applicant's Profile
The successful candidate is expected to have:
• Doctoral degree in (Mathematical) Economics, Operations Research or Mathematics
• Thorough background in research fields related to the project
• Ability to communicate and to work in a team
• Good knowledge of English

Remuneration
Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) paragraph 2 of the WissZeitVG (fixed-term employment), the contract will end on June 30, 2021. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The position is advertised as a 100% full-time employment. In individual cases, this percentage may be reduced on request, as long as this does not conflict with official requirements.

Application Procedure
Your application should be received via email (a single PDF document sent to etace@wiwi.uni-bielefeld.de) by the 5th of July 2017. Please mark your application with the identification code wiss1730. In addition to the usual documents we request a letter of motivation. Please do not use folders and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure.

Further information about Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

Postal Address
Universität Bielefeld
Fakultät für Wirtschaftswissenschaften
Herrn Prof. Dr. Herbert Dawid
P.O. Box: 10 01 31
33501 Bielefeld
Germany

Contact
Prof. Dr. Herbert Dawid
0521 106-4843
hdawid@wiwi.uni-bielefeld.de

Bielefeld University has received a number of awards for its achievements in the provision of equal opportunities and has been recognised as a family friendly university. The University welcomes female applicants. This is particularly true with regard both to academic and technical posts as well as positions in Information Technology and Trades and Craft. Applications are handled according to the provisions of the state equal opportunity statutes. Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.