

Im Rahmen der öffentlichen Vortragsreihe

Economic Theory and Policy

der Forschungsgruppe Ökonomie
am Institut für Stochastik und Wirtschaftsmathematik
der TU Wien

hält

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einen Vortrag

mit dem Titel

European Labour Markets and Migration with Respect to Turkish EU-Membership: An Agent- Based Model of Labour Migration and Networks

Abstract:

The aim of the agent-based model is to simulate the timing and direction of international migration flows from Turkey towards three selected EU-15 countries in successive time periods and as a response to macroeconomic developments in the countries concerned. Migration is a life-cycle decision, and overlapping generations exist. Return migration is possible. The model focuses on labour migration and family reunifications due to social networks. Based on behavioural theories of migration, two decision processes are modelled: employment decisions of firms and migration decisions of people. For parametrization, data of the Commission's AMECO database and of the World Bank are used. Higher expected earnings, network ties to other migrants in destination, age and labour market policies are expected to have a significant effect on migratory movements. Life courses of real and simulated agents should diverge.

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