DIPARTIMENTO DI SCIENZE ECONOMICHE

Abstract progetto di ricerca

The research looks at international trade networks to explore buyer supplier relationships and network structure using information on trade flows, and the location of firms and ports. This includes shocks propagation and supply chain disruptions, as well as intellectual property rights protection, knowledge diffusion and internalization activities within global value chains. The information may be merged with firm-level data, climate, innovation, or geo-localized conflict data to expand the study in various directions.

Programma delle attività

The tasks required for this position involve the understanding and working with a new comprehensive supply chain dataset (S&P PANJIVA). The data must first be prepared for work, after which it must be put together and merged with other data to produce creative descriptive statistics and explore the data. Finally, mainly via Stata and R or potentially also Matlab, estimations must be conducted to test different conjectures in collaboration with the research group.

Qualificazioni e requisiti

• Experience in working and/or conducting research with data in the field of international trade, (knowledge in microeconometrics and/or production networks is desirable)

• Experience in employing statistical and econometric techniques for economic analysis

• Knowledge in network analysis

• Experience in employing programming software for economic and econometric analysis (e.g. Stata, R, and similar software)

• Experience with working as part of a project team

• International work and study experience

• Excellent ability in writing and speaking in English