

Exemplary Research Topics

PhD Program in Economics and Finance

at the Free University of Bozen-Bolzano

Examples for current research topics and fields offered by members of the Faculty of Economics and Management
(as of: **May 2021**; subject to modifications and amendments without prior notice)

Working Title / Research Field	Faculty member
Economics of self-driving and electric vehicles	Prof. F. Boffa
The role of public opinion on quality of government	
The microeconomics of blockchain and cryptocurrencies	
Earnings quality in Private Firms	Prof. M. Bonacchi
The effect of Culture on Earning quality	
Customer Analytics: how to use customer data to make better decision	
Mergers and asset restructuring in digital financial industry	Prof. C. Curi
Artificial Intelligence in banking	
Banks, regulation, and performance	
Political Economics Development Economics Organised Crime	Prof. G. De Luca
Dependence and Copula Models with emphasis on extreme Clustering Techniques with emphasis on time series data analysis	Prof. M. Di Lascio
Applied Theory Topics in Political Economy and Health Economics Social Economy Industrial organization	Prof. A. Fedele
Analysis of high-dimensional network data with applications in economics and finance Model selection and assessment of model uncertainty for big econometric data Statistical modeling for multivariate spatio-temporal data	Prof. D. Ferrari
Main topic: Set Optimization Theory & Methods including numerical algorithms. In particular: Economic and management decision making under incomplete preferences, economic and financial data analysis with potentially non-comparable outputs: multivariate quantiles, rank functions and recommender systems Games with multidimensional payoffs: equilibrium concepts, payoff guaranteeing strategies, duality based on set-valued approaches	Prof. A. Hamel

Financial risk measures & insurance premiums for markets with transaction costs based on set-valued approaches.	
Public Sector Economics	Prof. A. Moradi
Development Economics	
Economic History	
Taxes, governance, and payout policy	Prof. M. Murgia
Political connections in bank performance	
Econometrics of large and big database	Prof. F. Ravazzolo
Energy economics; macro finance	
Bayesian estimation of structural models	
Macroeconomic Dynamics (e.g. dynamic tourism economics, economic growth and unemployment)	Prof. S. Schubert
International Macroeconomic Dynamics (e.g., effects of fiscal austerity policies, debt constraints in an open economy)	
Culture and Finance: The impact of cultural origin on financial outcomes	Prof. L. Siming
State Awards & Corporate Behavior: The interplay between non-pecuniary awards and financial outcomes	
Identification using Historical Financial Data: Using historical settings to mitigate endogeneity concerns	
Immigration and Population Economics	Prof. S. Stillman
Health Economics	
Empirical Topics in Labor Economics	
Field Experiments in Behavioral Personnel Economics	Prof. M. Tonin
The Economics of Charitable Giving	
Financial Asset Allocation under Parameter Uncertainty	Prof. A. Weissensteiner
Theoretical and Empirical Asset Pricing	
Estimating the economic impact of Covid-19 with quantitative finance tools	