Márton Benedek

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Studies

PhD **Mathematics, 09/2015–09/2019**, *University of Southampton*, Mathematical Sciences.
Operational Research research group

MSc **Applied Mathematics, 09/2012–06/2014**, *Budapest University of Technology and Economics*, Faculty of Natural Sciences.
Operational Research specialization

BSc **Economics, 09/2008–06/2012**, *Corvinus University of Budapest*, Faculty of Economics.

Languages

English Fluent
French Intermediate
Hungarian Native

Research

Interests Cooperative game theory, Mathematical Programming

Experience **Junior research fellow, 01/2019–**, *Centre for Economic and Regional Studies*, Institute of Economics, Mechanism Design research group.

PhD dissertation Finding and verifying the nucleolus of cooperative games

MSc thesis A new solution concept for the risk allocation problem

BSc thesis Quantum Correlated Equilibrium

Publications M Benedek, J Fliege & TD Nguyen (2020). Finding and verifying the nucleolus of cooperative games. *Mathematical Programming*

JM Brandt, M Benedek, JS Guerin & J Fliege (2020). Reliability-as-a-Service for bearing risk assessment investigated with advanced mathematical models. *Internet of Things*, 11, 100178.

M Benedek (2018). Nucleolus. *GitHub repository*

Teaching

BME **Part-time lecturer, 02/2020–**, *Budapest University of Technology and Economics*, Institute of Mathematics, Department of Differential Equations.

CUB **Part-time lecturer, 02/2019–**, *Corvinus University of Budapest*, Institute of Mathematics and Statistical Modelling, Department of Operations Research and Actuarial Sciences.

Other experience

SIAM Student Chapter	President of the SIAM Student Chapter at the University of Southampton, 01/2018-12/2018
OR Student Seminars	Organiser of the OR Student Seminars at the University of Southampton, 02/2017-12/2018
MNB	Trainee, 07/2014-07/2015. Hungarian National Bank, Directorate Microprudential Regulation, Validation and SREP Department