ANDREA DI LIDDO - Curriculum vitae

Place and date of birth Bisceglie (BT), 07/06/1957

Academic qualifications and other qualifications Degree in Mathematics - University of Bari

University position Full professor

Scientific Disciplinary Sector SECS-S/06 - Mathematical Methods of Economics and the Actuarial and Financial Sciences

Department of Economics - E-mail address andrea.diliddo@unifg.it

Current research interests and recent funded projects

- Mathematical models for economics, marketing, environment and medicine.

- Game theory: dynamic and differential games; cooperative games; voting games.

- Optimal control. Dynamic systems.

- University research project - PRA-HE year 2021 "Climate risk and sustainability: interdisciplinary on emerging impacts and future perspectives for the financial intermediaries".

- University research project - PRA year 2022 "Optimal management of water resources in presence of heterogeneous stakeholders and seasonal effects: a game theoretic approach".

Other scientific activities in the last five years

- **2024-** Member of the Scientific Committee of the 19th European Meeting on Game Theory (SING19), Besancon (FR), 8-10 July 2024.

- **2023-** Member of the Scientific Committee of the 18th European Meeting on Game Theory (SING18), Messina, 11-13 July 2022.

- **2022-** Member of the Scientific Committee of the 17th European Meeting on Game Theory (SING17), online, 11-13 July 2022.

- **2019-** Member of the Scientific Committee of the 15th European Meeting on Game Theory (SING15), Turku (Finland), 2-4 July 2019.

- **2007** --- **2021** Member of the International Program Committee of the International (Annual) Conference on Game Theory and Management, St. Petersburg, Russia.

- 1998 - --- Member of the I.S.D.G. (International Society of Dynamic Games).

Teaching assignments in the last three years

a.y. 2023 -2024

Mathematics for economics and finance - 8 cfu - BSc in Economics;

Game Theory for Managerial Decisions - 8 cfu – Master's degree in Science in Business Administration.

a.y. 2022 -2023

Mathematics for Economics and Finance - 8 cfu - BSc in Economics;

Game Theory for Managerial Decisions - 8 cfu - Master's degree in Science in Business Administration.

a.y. 2021 -2022

Mathematics for Economics and Finance - 8 cfu - BSc in Economics;

Mathematical Methods and Models for Business Decisions - 8 cfu - Master's degree in Science in Business Administration.

Main scientific publications in the last five years

- Andrea Caravaggio, Luigi De Cesare, Andrea Di Liddo (2024) Socio-economic determinants of pricing water for domestic use: A comparison of blocks and linear tariffs, Socio-Economic Planning Sciences, Volume 93, 2024, 101876, ISSN 0038-0121, <u>https://doi.org/10.1016/j.seps.2024.101876</u>.

- Caravaggio, A., De Cesare, L. & Di Liddo, A. (2024) Optimal water tariffs for domestic, agricultural and industrial use. Ann Oper Res. <u>https://doi.org/10.1007/s10479-024-05822-y</u>

- Caravaggio, A.; De Cesare, L.; Di Liddo, A. (2023) A Differential Game for Optimal Water Price Management. Games, 14, 33. <u>https://doi.org/10.3390/g14020033</u>

- Ciardiello, F. and Di Liddo, A. (2022), Privacy Accountability and Penalties for IoT Firms. Risk Analysis, 42: 1784-1805. <u>https://doi.org/10.1111/risa.13661</u>

- Biancardi, M., Di Liddo, A. & Villani, G.(2022) How do Fines and Their Enforcement on Counterfeit Products Affect Social Welfare?. Comput Econ 60, 1547-1573. https://doi.org/10.1007/s10614-021-10195-6

- Di Liddo, A. (2021). Counterfeiting Models (Mathematical/Economic). In: Marciano, A., Ramello, G.B. (eds) Encyclopedia of Law and Economics. Springer, New York, NY. https://doi.org/10.1007/978-1-4614-7883-6_705-2

- BIANCARDI, M., DI LIDDO, A. & VILLANI (2020) G. Fines Imposed on Counterfeiters and Pocketed by the Genuine Firm. A Differential Game Approach. Dynamic Games Applications 10, 58-78 . <u>https://doi.org/10.1007/s13235-019-00310-6</u>

- DI LIDDO A. (2019) Competition in the Presence of Counterfeiters. The Case of Fines Imposed on Counterfeiters and Pocketed by the Genuine Firm. International Game Theory Review, 21(04) ISSN: 02191989, DOI:10.1142/S0219198919500038

- DI LIDDO A. (2019) Price and Treatment Decisions in Epidemics - Stackelberg and Bargaining Games: The Role of Cost Functions. International Game Theory Review, ISSN: 02191989, DOI: 10.1142/S0219198919500075