Professor Dr. Stelios Bekiros

Chair Full Professor of FinAI, Econometrics & Data Science, FEMA & DLT, University of Malta (UM)

Joint Chair Full Professor of Economics & Finance, School of Management & Economics, University of Turin (UniTo)

Research Full Professor of Econometrics & Finance, Department of Finance, IPAG Business School Paris

Senior Fellow & Visiting Full Professor LSE Health Center, London School of Economics

Professor Stelios Bekiros obtained a Dipl.-Ing / BEng and an MEng in Electrical and Computer Engineering (spec. Artificial Intelligence, Software Engineering, Control Systems) from National Technical University of Athens (NTUA). He also holds an MSc in Decision Sciences (spec. Statistics, Financial Engineering, Operations Research and Computer Science) and a PhD in Big Data Science & Computational Econometrics with Machine Learning from Athens University of Economics and Business (AUEB). He has more than twenty five years of postdoctoral research and teaching experience in many distinguished universities, centres and research institutions, mainly in the Netherlands, Italy, France, UK and Greece. He was a faculty member/research fellow at the European Institute for Statistics, Probability, Stochastic Operations Research and its Applications (EURANDOM), Technical University of Eindhoven, at the Center for Nonlinear Dynamics in Economics and Finance (CeNDEF) of the Faculty of Economics and Econometrics of the University of Amsterdam, at the Department of Economics of the European University Institute (EUI) in Florence (Italy), at the Hellenic Ministry of Finance, at the Centre of Planning and Economic Research (KEPE), at the IPAG Business School in Paris, France, and at the Decision Support Systems Laboratory of the National Technical University of Athens.

Professor Bekiros has been awarded numerous prestigious Grants including the Max Weber Fellowship - the largest postdoctoral programme in the social sciences in the

world hosted by the EUI and funded by the European Commission (DG Education) – three MSCA Fellowships & Awards for pioneering work on multidisciplinary research, many national grants/awards by the EU, NWO, RC-AUEB/GSRT and he was appointed Scientific director of European EC projects (FP-7, H2020) at EU universities and institutions. Professor Bekiros holds Habilitations for Full Professor (Abilitazione Prima Fascia) in many sectors including Econometrics, Economic Statistics, Mathematical & Quantitative Methods in Economics, Insurance & Finance, Economic Policy etc. He was elected in 2019 Full Professor of Economic Statistics at the Dept. of Statistical Sciences of the University of Padova, Italy. He is Chair Full Professor of FinTech/AI, Econometrics & Data Science at the Faculty of Economics, Management (FEMA) of the University of Malta and Joint Chair of Economics & Finance at the School of Management & Economics at the University of Turin (UniTo), Research Full Professor at the IPAG Business School, Senior Fellow of the LSE Health Center at the Department of Health Policy, London School of Economics (LSE), Senior fellow at the Rimini Centre for Economic Analysis (RCEA), senior fellow of LABEX ReFi / Financial Regulation Lab, ADEMU affiliated researcher at the European University Institute and senior visiting fellow. Professor Bekiros has also worked in other research positions in the academia and as an engineering & financial expert consultant in the public and private sector.

IDEAS, Google Scholar, Web of Science, and Scopus, rank Prof. Bekiros among the top 2% authors worldwide.

He is the only researcher who has been awarded 3 prestigious Marie Skłodowska-Curie (MSCA) Fellowships by the EU (2011, 2013, 2015) for pioneering multidisciplinary work at the intersection of many scientific fields, as well as a Max Weber Fellowship in economics (2009). Professor Bekiros strongly emphasizes multidisciplinary, interdisciplinary and trans-disciplinary research through applying Future Technologies approaches from Quantum Computing, Blockchain, Economics, Computer Science & Software Engineering, IoT, Big Data Science, Machine Learning, Artificial Intelligence, Physics, Electrical Engineering, Cognitive sciences/Psychology, Bioinformatics, Medicine etc. in studying the complexity of economic and social systems.

He has participated in numerous conferences and academic seminars and has been an invited speaker in many prestigious universities and institutions. During the last twenty five years he has served as principal investigator, project manager or team member in

many European and national research projects (e.g., H2020, FP7, Max Weber Programme, EC-MSCA, Netherlands organization for scientific research-NWO, EU 3rd Framework Programme, EIB, EC DG-XIII/ESPRIT, EPET-II/Hellenic Ministry of Development, Cyprus RPF/Penek etc.). Amongst many current projects he serves as Principal Investigator (UM partner) for a Mega-EU Grant project, under the Action programme HORIZON-CL4-2022-DATA-01 of the Horizon Framework Programme for Research and Innovation (2021-2027), entitled: "Promoting and Incentivising Federated, Trusted, and Fair Sharing and Trading of Interoperable Data ASsets", Acronym "PISTIS", comprising a consortium of 104 partners coordinated by Fraunhofer Society for the Advancement of Applied Research, which is the biggest organization for applied research and development services in Europe. Fraunhofer is a German research organization of 76 institutes spread throughout Germany, each focusing on different fields of applied science with some 29,000 employees, mainly scientists and engineers, and an annual research budget of about €2.8 billion.

Professor Bekiros serves as expert evaluator for the NSERC (Natural Sciences and Engineering Research Council of Canada) and the NSF (USA), expert evaluator for the QS Reputation Survey - QS World University Rankings, expert evaluator/vice-chair for the European Commission (EU-REA panels, Horizon 2020), expert evaluator for the Swiss National Science Foundation (SNF), a WES expert for Ifo Institute (Leibniz Institute for Economic Research, University of Munich), expert project evaluator for "la Caixa Barcelona Institute" Banking Foundation, economic expert for the Bank of Finland, CEPR, Oxford University, international expert for Paris Region Fellowship Programme (ParisRegionFP), H2020 Orientation Service de la Recherche et Culture Scientifique while he is a regular evaluator of Research Centre of AUEB (RC-AUEB) & GSRT (Hellenic Ministry of Education).

He is Editor-in-Chief, Academic Editor, Co-Editor and Assc Editor for more than 20 prestigious Journals: "PLOS ONE", Plos; "Chaos, Solitons & Fractals", Elsevier; "Economics - Innovative And Economic Research Journal", De Gruyter; "INFORMS Journal on Applied Analytics (IJAA) (formerly Interfaces)"; "Entropy" Journal; "Big Data Analytics", Springer-Nature; "Journal of Economic Surveys" Wiley, "Risk Analysis", Wiley; "Journal of Forecasting", Wiley; "Computational Economics", Springer; "Review of Behavioral Economics"; "Review of Behavioral Finance"; "Quantitative Finance & Economics"; "International Review of Financial Analysis", Elsevier; "Journal of International Financial Markets Institutions & Money", Elsevier; "Finance Research Letters", Elsevier; "Heliyon",

Elsevier; "Emerging Markets Finance and Trade", Taylor & Francis; "International Review of Economics & Finance", Elsevier; "Alexandria Engineering Journal", Elsevier; "Forecasting" journal; "Technology in Society", Elsevier etc.

His work, with presently over 320 articles, has been published in the most highly esteemed academic journals and in books and proceedings in many scientific fields. He has currently more than 10 articles under review in distinguished journals and writes one book and a collective volume.

His research interests include among other Quantum Machine Learning & Artificial Intelligence, Blockchain Technology, Complex Systems, DeFi, FinTech, Big Data Science, IoT, Chaos and Econophysics, Epigenomics, Computational Medicine, Bioinformatics, Computational Econometrics, Extreme and Bayesian Statistics, Complex Systems, Financial Engineering, Macro-Finance, OR, Behavioral Finance, Electrical & Computer Engineering etc. He acts as a referee for top journals in many scientific disciplines aside from economics, and in 2010 he was given the best reviewer award by the prestigious European Journal of Operational Research (EJOR, Elsevier), and in 2016 by the Journal of Empirical Finance (Elsevier). He is a member of the European Area Business Cycle Network (EABCN), the Econometric Society, Royal Economic Society, the European Economic Association, the Society of Financial Econometrics, the IEEE Computational Intelligence Society, INFORMS, the Society for Computational Economics (SCE), the Society for Economic Measurement (SEM) and the Rimini Centre for Economic Analysis (RCEA). He is Senior Fellow at the LSE Health Center of London School of Economics (LSE).

Beyond his academic profile, Prof. Bekiros holds an MMUS in music theory and guitar performance in most genres, including jazz, classical, rock, fusion etc. He served in the military, specifically in Armor (black berets) and Artillery (blue berets) Arms, where he was trained for active combatant unrestricted service I1 (equivalent 1-A USA). Stelios is inspired by the philosophies of all martial arts. He is an accomplished Black Belt Dan Ju-Jitsu Master (JJ International Federation; JJIF), a Mixed Martial Arts (MMA) instructor, an ISU certified Self-defense instructor by the International StreetFighting Union (ISU), and a disciple of DAS streetfighting system. He has certified seminar training in Aikido, and knowledge of advanced armed and unarmed combat techniques in the Israeli elite special forces system of Krav-Maga.

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