

DYSES 2024 CONFERENCE
EXTENDED PROGRAMME – DAY 1, SEPTEMBER 25TH

Hall	Hour Session / Presentation
-	09.30 - 13.30 City tour -
Hall 1	16.00 - 16.30 Registration - -
Hall 1	16.30 - 17.30 Conference Opening - -
Hall 1	17.00 - 18.00 Plenary: Explainability and Artificial intelligence by Mathematical Modeling: new challenges in decision-making - Chair: Adriana Elena Dardala
Hall 1	17.00 - 18.00 Explainability and Artificial intelligence by Mathematical Modeling: new challenges in decision-making - Massimiliano Ferrara
-	18.00 - 19.00 Welcome cocktail - Marshall Garden Hotel

DYSES 2024 CONFERENCE
EXTENDED PROGRAMME – DAY 2, SEPTEMBER 26TH

Hall	Hour Session / Presentation
Hall 1	09.00 - 10.00 Plenary: From Logical Formulas to Machine Learning - Chair: Massimo Squillante
Hall 1	09.00 - 09.30 From Logical Formulas to Machine Learning - Antonio Di Nola
Hall 1	09.30 - 10.00 Lukasiewicz logics and the formal specification of strategic interactions - Enrico Marchioni
Hall -	10.00 - 10.30 Coffee break - -
Hall 1	10.30 - 11.30 Econophysics - Chair: Cristian Litan
Hall 1	10.30 - 10.45 Reviewing the origins and development of the Irrational fractional Brownian Motion model - <u>Gurjeet Dhesi</u> , Parmjit Kaur
Hall 1	10.45 - 11.00 The impact of data contamination, data source on Benford Law validity. The case of regression - <u>Bogdan Ileanu</u> , Marcel Ausloos, Claudiu Herteliu , Tudorel Andrei, Roy Cerqueti, Adrian Pana
Hall 1	11.00 - 11.15 The impact of audit and reporting standards on the dynamic model of foreign portfolio investment - <u>Ioana Ianos</u> , Cristian Litan, Codruta Mare, Alexandra Purcel
Hall 1	11.15 - 11.30 The impact of Medical Registries - improving health outcomes and reducing health care costs - <u>Dan Dragomirescu</u> , Andreea Vorovenci, Claudiu Herteliu

Hall 2	10.30 - 11.30 Special session: Psychometric and Statistical Advances for dealing with Uncertainty in the Digital Age - Chair: Mario Angelelli
Hall 2	10.30 - 10.45 A Quantitative Meta-Review Analysis in healthcare management system using Bibliometrix - Sergio Salvatore, <u>Giovanna Alessia Sternativo</u>
Hall 2	10.45 - 11.00 Exploring the Relationship Between Human Capabilities and Value from Big Data - <u>Nicolò G. Totaro</u> , Massimiliano Gervasi, José L. Roldán
Hall 2	11.00 - 11.15 Addressing Under-Reporting in Violence Against Women in Italy: a Pogat Model with INLA - <u>Greta Panunzi</u> , Silvia Poletini, Serena Arima
Hall 2	11.15 - 11.30 Italian Academic Recruitment in the Digital Age: A Statistical and Economic Study - <u>Tullio Menini</u> , Pietro Senesi, Michele Gallo
Hall 1	12.00 - 14.00 Laurea Honoris Causa Prof. Jean Tirole, Nobel Prize in Economics - Prof. Jean Tirole
Hall -	14.00 - 15.00 Lunch - -
Hall Virtual	15.00 - 16.00 Poster Session - Chair: Antonio Violi
Hall -	18.00 - 20.00 Piano concert Giacomo di Tollo - Casa Artelor "Dinu Lipatti" - Giacomo di Tollo
Hall -	20.30 - 21.30 Gala Dinner: Marshal Garden Hotel, Bucharest -

DYSES 2024 CONFERENCE
EXTENDED PROGRAMME – DAY 3, SEPTEMBER 27TH

Hall	Hour Session / Presentation
Hall 1	09.00 - 09.30 Registration -
Hall 1	09.30 - 10.30 Plenary: Meritocracy and Homophily in Collegial Organizations - Chair: Claudiu Herteliu, Massimo Squillante
Hall 1	09.30 - 10.30 Meritocracy and Homophily in Collegial Organizations - Prof. Jean Tirole
Hall -	10.30 - 11.00 Coffee break - -
Hall 1	11.00 - 12.00 Invited session: Financial and actuarial models for decision making in the banking, insurance and welfare systems: financial innovation, digitalized transactions and catastrophic risks - Chair: Paolo de Angelis
Hall 1	11.00 - 11.15 Sustainability risks affecting solvency ratios for insurance companies - Rita Laura D'Ecclesia, Alessandro D'Orazio, <u>Susanna Levantesi</u> , Kevyn Stefanelli
Hall 1	11.15 - 11.30 Synergy of financial and insurance markets for facing the risk deriving from climate change: Cat and Resilience bonds. - <u>Emanuele Vannucci</u> , Marcello Galeotti, Giovanni Rabitti
Hall 1	11.30 - 11.45 A Spatially-Continuous Neural Network Temperature Model for Weather Derivatives Evaluation - Maria Carannante, Vincenzo Di Sauro, Zeldia Marino, <u>Salvatore Scognamiglio</u>
Hall 1	11.45 - 12.00 An economic decision making approach to estimate the Value for Money of No-IBIPs insurance contracts. - Paolo Botta, <u>Paolo De Angelis</u>

Hall 2	11.00 - 12.00 Accounting & Finance - Chair: Ingrid Dragota
Hall 2	11.00 - 11.15 Bitcoin and The Future of Finance: Analyzing Evolution, Market Dynamics and Regulatory Impact - Tudor-Gabriel Budisteanu
Hall 2	11.15 - 11.30 Earnings Management: a systematic literature review - Alina Maria Murineanu
Hall 2	11.30 - 11.45 Synthesis of specialized literature regarding value added tax. An overview of the trend of publications in the context of digitization - Mihai-Daniel Gavrila
Hall 2	11.45 - 12:00 An Analysis of EU Countries Convergence Dynamics - <u>Mihai Daniel ROMAN</u> , Adrian LUNGU, Andreea RADU
Hall 1	12.00 - 13.00 New frontiers on Decision Making and Explainable Artificial Intelligence (XAI) - Chair: Massimiliano Ferrara
Hall 1	12.00 - 12.20 Quasivariational Inequalities for Dynamic Competitive Economic Equilibrium Problems in Discrete Case - David Barilla, <u>Giuseppe Caristi</u> , Shapour Heidarkhani
Hall 1	12.20 - 12.40 A comparison between machine and deep learning models on high stationarity data - <u>Santoro Domenico</u> , Ciano Tiziana, Ferrara Massimiliano
Hall 1	12.40 - 13:00 Life insurance & banking industries in unstable environments: From friends to foes? New insights from the OECD countries using a quantile approach - <u>Ingrid-Mihaela Dragotă</u> , Cosmin Octavian Cepoi, Iustina-Alina Boitan
Hall 2	12.00 - 13.00 Computational Intelligence in Management Science and Finance - Chair: Giacomo di Tollo
Hall 2	12.00 - 12.15 A Quantum Framework in Macroeconomics - <u>Joaquim Clara-Rahola</u> , J. Torrent Sellens
Hall 2	12.15 - 12.30 Fluctuation Distributions and Dynamics of Indexed Markets - <u>Joseph Andria</u> , Joaquim Clara-Rahola

Hall 2	12.30 - 12.45 Sustainability and Biclustering: An applicative study - W. Ayadi, <u>Joseph Andria</u> , Giacomo di Tollo
Hall 2	12.45 - 13.00 Community detection for asset allocation with portfolio immunization strategies - Gianni Filograsso, <u>Giacomo di Tollo</u>
Hall -	13.00 - 14.00 Lunch - -
Hall 1	14.00 - 15.00 Plenary: MCDM methodology to manage problems in production and services - Chair: Salvador Cruz Rambaud
Hall 1	14.00 - 15.00 MCDM methodology to manage problems in production and services - Gerarda Fattoruso
Hall 1	15.00 - 16.00 Artificial Intelligence and Dynamics in Economic and Financial Decisions - Chair: Luca Grilli, Lucia Maddalena, Domenico Santoro
Hall 1	15.00 - 15.15 EvoFolio: a portfolio optimization method based on multi-objective evolutionary algorithms - <u>Luca Grilli</u> , Domenico Santoro, Alfonso Guarino, Rocco Zaccagnino, Mario Balbi
Hall 1	15.15 - 15.30 A strategic options game approach to support PPP investment decisions under risk-sharing mechanisms - Marta Biancardi, Michele Bufalo, <u>Antonio Di Bari</u> , Giovanni Villani
Hall 1	15.30 - 15.45 Predicting Commodity Prices: An Innovative Approach Using Artificial Intelligence - <u>Antonio Vairo</u> , Luca Grilli, Domenico Santoro, Giacinto Angelo Sgarro
Hall 1	15.45 - 16.00 Waste management and compliance in a dynamic leader follower game - <u>Marta Biancardi</u> , Gianluca Iannucci, Giovanni Villani

Hall 2	15.00 - 16.00 Advances in Intertemporal Choice - Chair: Salvador Cruz Rambaud
Hall 2	15.00 - 15.20 Justifying the discounting model associated to the Jellinek curve through time deformations - <u>Salvador Cruz Rambaud</u> , Viviana Ventre, Roberta Martino, Fabrizio Maturo, Annamaria Porreca
Hall 2	15.20 - 15.40 AHP and DEA compared: an alternative method for evaluating the services of Review Sites. - Maria Grazia Olivieri
Hall 2	15.40 - 16.00 Proposing concentration measures for discount functions - <u>Salvador Cruz Rambaud</u> , Piedad Ortiz Fernández, Javier Sánchez García, Paula Ortega Peral
Hall -	16.00 - 16.30 Coffee break -
Hall 1	16.20 - 17.20 Plenary: Tensors in Data Analysis - Chair: Susanna Levantesi
Hall 1	16.20 - 17.20 Tensors in Data Analysis - Michele Gallo
Hall -	20.00 - 21.00 Gala Dinner: Marshal Garden Hotel, Bucharest -

DYSES 2024 CONFERENCE
EXTENDED PROGRAMME – DAY 4, SEPTEMBER 28TH

Hall	Hour Session / Presentation
Hall 1	09.00 - 09.30 Registration -
Hall 1	09.30 - 10.30 Plenary: Modeling and Predicting Dynamic Policyholder Behavior in Life Insurance using Regression and Function-Based Approaches - Chair: Salvatore Scognamiglio
Hall 1	09.30 - 10.30 Modeling and Predicting Dynamic Policyholder Behavior in Life Insurance using Regression and Function-Based Approaches - Fabio Baione
Hall -	10.30 - 11.00 Coffee break -
Hall 1	11.00 - 12.00 Social Finance - Chair: Victor Dragota
Hall 1	11.00 - 11.15 Uncovering Hidden Patterns: Iterative spatial autocorrelation application on the socio-economic levels in Romania - <u>Stefana Belbe</u> , István Gere, Codruța Mare, Cristian-Marius Litan, Alexandra Anca Purcel
Hall 1	11.15 - 11.30 Democracy, Pandemic crisis, and Dividend Policy - <u>Victor Dragotă</u> , Ingrid-Mihaela Dragotă, Cosmin-Octavian Cepoi, Hanaan Yaseen
Hall 1	11.30 - 11.45 Money feels good: Material values contributing to subjective well-being - Delia-Elena Diaconășu, Constantin Rezlescu, Dimitrios Asteriou, <u>Alin Marius Andrieș</u> , Georgiana Juravle
Hall 1	11.45 - 12.00 Insight into the Potential Impact of Pre-University Education Funding on the School Dropout Rate - Victor Drugă

Hall 1	12.00 - 13.00 Plenary: Resilience Modelling and Learning from Failures - Chair: Joseph Andria
Hall 1	12.00 - 13.00 Resilience Modelling and Learning from Failures - Ashraf Labib
Hall -	13.00 - 14.00 Lunch - -
Hall 1	14.00 - 15.00 Plenary: Mixed frequency data analyses and models in an econophysics perspective - Chair: Claudiu Vinte
Hall 1	14.00 - 15.00 Mixed frequency data analyses and models in an econophysics perspective - Marcel Ausloos
Hall 1	15.00 - 15.10 DySES Award and Conference ending - -

DYSES 2024 CONFERENCE

HALLS LOCATION MAPPING

DAY 1, SEPT 25TH

- > HALL 1 - AULA MAGNA, Ground Floor - Ion Angelescu Building, ASE

DAY 2, SEPT 26TH

- > HALL 1 - AULA MAGNA, Ground Floor - Ion Angelescu Building, ASE

- > HALL 2 - 2013A, Ground Floor - Virgil Madgearu Building, ASE

DAY 3, SEPT 27TH

- > HALL 1 - AULA MAGNA, Ground Floor - Ion Angelescu Building, ASE

- > HALL 2 - Virgil Madgearu, Ground Floor - Ion Angelescu Building, ASE

DAY 3, SEPT 28TH

- > HALL 1 - Amphitheater I, Ground Floor - Ion Angelescu Building, ASE

