DIPARTIMENTO di STUDI AZIENDALI e QUANTITATIVI

DiARC dipartimento di architettura università degli studi di napoli federico II dipartimento di eccellenza 2023-2027

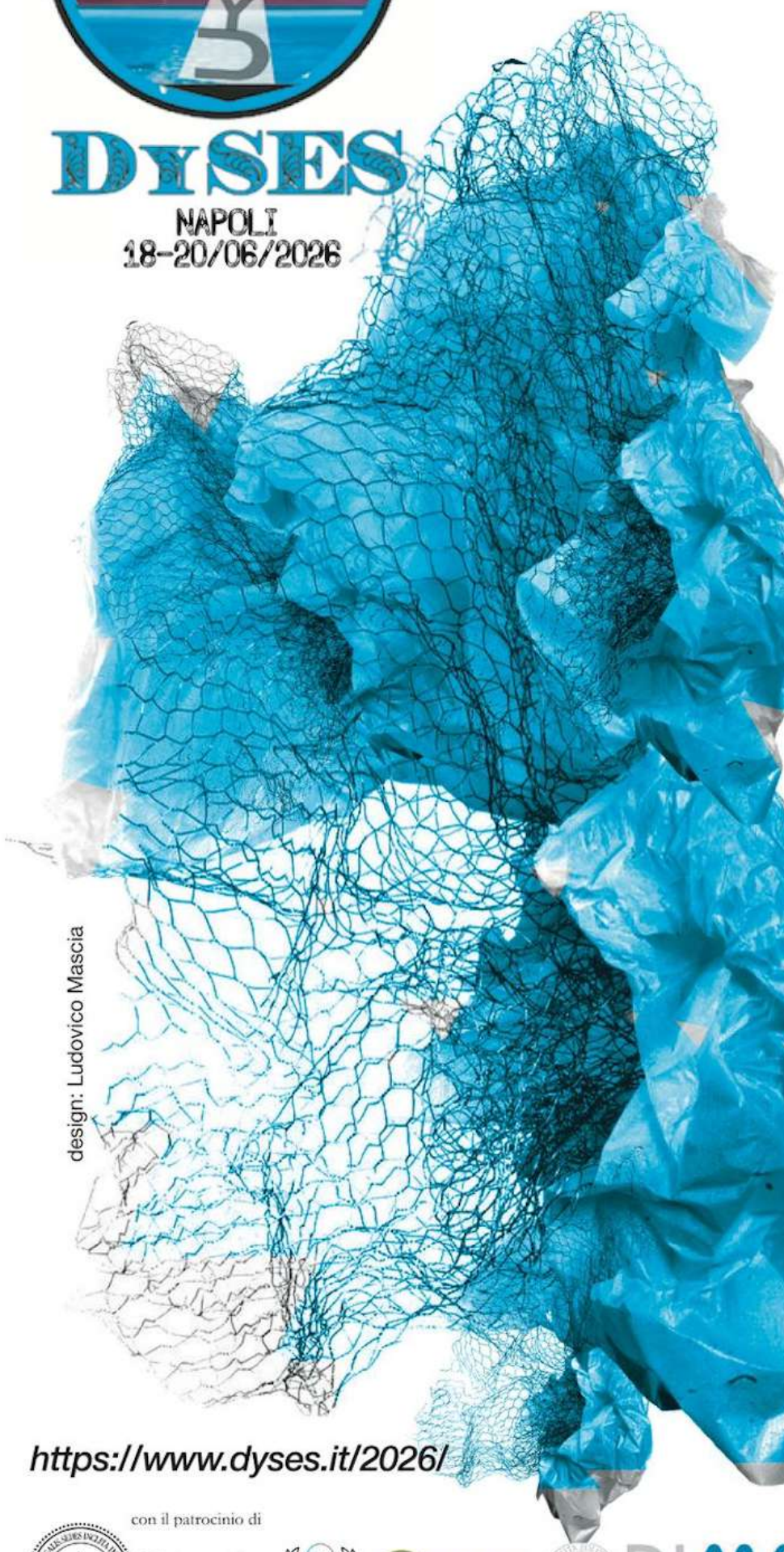
UNIVERSITÀ DI NAPOLI L'ORIENTALE | DSUS DIPARTIMENTO DI SCIENZE UMANE E SOCIALI

Dynamics of Socio-Economic Systems *In the age of Artificial Intelligence*

DySES

NAPOLI
18-20/06/2026

Naples
June 18 - 20, 2026



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Chairs

Bice Cavallo
University of Naples Federico II

Francesca Perla
Univerisity of Naples Parthenope

Massimo Squillante
Accademia Peloritana dei Pericolanti

Keynote Speakers

Serge Galam
Centre for Political Research at SciencesPo, France

Jafar Rezaei
TU Delft, The Netherlands

Nickolay T. Trendafilov
The Open University

George Tzougas
Heriot Watt University, Edinburgh, Scotland

con il patrocinio di

Università di Foggia · UMG · DIMA Dipartimento di Management · A.M.A.S.E.S. · SIS Società Italiana di Statistica · CISA Centro Interaccademico per le Scienze Attuariali e la Gestione dei Rischi

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DySES 2026 CONFERENCE PROGRAMME

DySES 2026 - CONFERENCE PROGRAMME

June, 18 June, 19	University of Naples Parthenope 📍 Palazzo Pacanowski, Via Generale Parisi, 13, 80132 Napoli NA
June, 20	University of Naples Federico II 📍 Palazzo Orsini di Gravina, Via Monteoliveto, 3, 80134 Napoli NA

Location: University of Naples Parthenope, 📍 Palazzo Pacanowski, Via Generale Parisi, 13, 80132 Napoli NA

Day: 18, June

Time	Activity		
08:30	**Registration**		
9:00 - 9:30	**📣 Conference Opening (Room 1.2)** *Rector of the University of Naples Parthenope Antonio Garofalo* *Head of the Department DISAQ Francesca Perla* *Chair: Bice Cavallo, Francesca Perla, Massimo Squillante* **Remembrance in Honor of Prof. Marcel Ausloos** *Claudiu Herteliu, Serge Galam, Massimo Squillante* **Vernon Smith and experimental economics. Video message**		
	Session I (Room 1.1)	**Session II (Room 1.2)**	**Session III (Room 1.7)**
	Special Session: Mathematical Methods of Economics, Finance and Actuarial Sciences	**Special Session: Non-Probabilistic Uncertainty in Decisions.**	**Special Session: Innovation Ecosystems in Rural Areas: Universities as Catalysts for Lifelong Learning and Internationalisation**
	Chair: Fabio Baione	*Chair: Federica Gioia*	*Chair: Alessio Cavicchi*
9:30 - 10:30	**• The Cost of Fatigue: How the Lack of Sleep Affects Discounting** *Salvador Cruz Rambaud, Ana María Sánchez Perez,* ***Paula Ortega Perals***	**• On guilt aversion and ambiguity in symmetric games** *Giuseppe De Marco, Maria Romaniello,* ***Alba Roviello***	**• Higher education and rural innovation ecosystems: universities as catalysts for entrepreneurship and agribusiness development** ***Alessio Cavicchi***
	• Valuing Timing: Rethinking Temporal Basis Risk in Climate Index Insurance *Valeria D'Amato, Maria Carannante, Paola Fersini,* ***Salvatore Forte****, Giuseppe Melisi*	**• A Non-Cooperative Game Model with Altruistic Individuals in a Fuzzy Setting** ***Vincenzo Scalzo***	**• Dynamics of Rural Higher Education: Strategic Internationalisation, Entrepreneurial Models, and Global Resource Mapping** ***Cristina Santini***
	• Data-Driven Policy Design for Parametric Insurance on Photovoltaic Energy Production ***Fabio Baione****, Emiliano Valente*	**• A Fuzzy Logic Approach to Privacy Policy Evaluation: Reducing Expert Subjectivity InInfluence Net Modeling Of User Behavior** *Ugo Fiore, Federica Gioia, Mauro Iacono,* ***Michele Mastroianni***	**• Higher education, lifelong learning, and local ecosystems** ***Gigliola Paviotti****, Chiara Aleffi*
	• Stress testing life annuities under longevity and interest-rate risk ***Cinzia Di Palo***	**• Managing Uncertainty in Partner Selection: A Fuzzy Logic Extension of Multi-Criteria Decision Models** ***Federica Gioia****, Ugo Fiore*	**• Assessing AI adaptability in Educational environments by Using the UTAUT2 Framework** *Alexandru-Ștefan Crăcea,* ***Zota Răzvan Daniel***
10:30 - 11:00	**☕ Coffee Break**		
11:00 - 12:00	**Plenary: A Sociophysics Model of Alliance Formation versus Fragmentation: The Ukraine-Russia Case** **Invited Speaker: Serge Galam, Centre for Political Research at SciencesPo, France** *Chair: Claudiu Herteliu* **(Room 1.2)**		
	Session I (Room 1.1)	**Session II (Room 1.2)**	**Session III (Room 1.7)**
	Special Session: Multiple Criteria Decision Aiding	**Special Session: Applied Quantitative Methods within Socio-Economic Area**	**Special Session: Non-Probabilistic Uncertainty in Decisions.**
	Chair: Gerarda Fattoruso	*Chair: Claudiu Herteliu*	*Chair: Federica Gioia*
12:00 - 13:15	**• Bi-Multi-Utility Representation of Preference Relations** *Gianni Bosi,* ***Gabriele Sbaiz***	**• Cross-Country Patterns in the Area Distribution of Local Administrative Units** ***István Gere****, Ștefana Belbe, Codruța Mare and Ferenc Járai-Szabó*	**• A Mechanism Design Model for Solid Waste Management** *Giuseppe De Marco, Maria Romaniello,* ***Armando Sacco***
	• Material and Product Passports as Multicriteria Decision-Support Infrastructures in Circular Built Environment ***Antonella Violano****, Roxana Georgiana Aenoai*	**• Clustering coefficient for edges and arcs in weighted and unweighted networks** *Rosanna Grassi,* ***Giorgio Rizzini***	**• Managing Competition and Collusion in a Market Characterized by Monopolistic Competition: Strategies and Implications** *Giuseppe De Marco,* ***Christian Di Pietro****, Mariafortuna Pietroluongo*
	• Stochastic multi-objective acceptability analysis based methodology for Incomplete Pairwise Comparison Matrices *Bice Cavallo,* ***Gerarda Fattoruso****, Alessio Ishizaka*	**• Volatility in formula-based school funding: geographic heterogeneity** ***Victor Druga***	**• Managing Biodiversity Related Economic Risks In Aquaculture Systems** ***Mariarosalba Angrisani****, Federica Gioia, Armando Sacco, Annarita Sorrentino, Gianpaolo Stella*
	• A comparative Multi-Criteria analysis for assessing school accessibility ***Monia Tosto****, Giansalvo Cirrincione, Salvador Cruz Rambaud, Massimo Squillante*	**• Saints' given names and their (lack of) effect on national exams outcomes** ***Claudiu Herteliu****, Loredana Manasia, Marcel Ausloos, Bogdan Vasile Ileanu, Victor Dragota, Ionel Jianu*	**• Generalized Events, their logics and prospectives in economics and social sciences** ***Antonio Di Nola***
	• A Multi-Criteria classification of Over-Tourism Risk: Evidence from Italian provinces ***Roberto Marasco****, Gerarda Fattoruso, Monia Tosto*	**• Impact of absorptive capability on Romanian innovative family businesses** ***Cristian Eugen Luchian****, Claudiu Herteliu*	
13:15 - 14:15	**🍽 Lunch**		

June, 18
Morning Sessions

DySES 2026 - CONFERENCE PROGRAMME

June, 18 June, 19	University of Naples Parthenope Palazzo Pacanowski, Via Generale Parisi, 13, 80132 Napoli NA
June, 20	University of Naples Federico II Palazzo Orsini di Gravina, Via Monteoliveto, 3, 80134 Napoli NA

Location	Day	Time	Activity		
University of Naples Parthenope Palazzo Pacanowski, Via Generale Parisi, 13, 80132 Napoli NA	18, June	14:15 - 15:30	**Round Table: Knowledge transfer: experiences and future perspectives. (Room 1.2)** Partecipants: Antonia Boccadoro, Alessio Cavicchi, Mario Ciaburri, Giacomo Diedenhofen, Antonio Di Nola, Serge Galam *Chair: Massimo Squillante*		
			Session I (Room 1.1)	**Session II (Room 1.2)**	**Session III (Room 1.7)**
			Special Session: Advances in Behavioral Finance	**Special Session: New Findings in Decision Making**	**Special Session: From Adoption to Impact: AI and Smart Technologies Reshaping Service Organizations in Complex Socio-Economic Systems**
			Chair: Salvador Cruz Rambaud	*Chair: Massimiliano Ferrara*	*Chair: Tommasina Pianese*
		15:30 - 16:45	**• Attractiveness bias in Artificial Intelligence systems** ***Maria Grazia Olivieri,*** *Luca Iavarone*	**• Strategic Tensions in Organizational GenAI Adoption: A Game Theory Modeling of Internal Resource Competition, Workforce Dynamics, and Value Management** ***Massimiliano Ferrara,*** *Giampaolo Viglia, Jose Carlos Romero*	**• Artificial intelligence and decision-making in healthcare systems: A systematic literature review on organizational implications** *G Perna, Paolino Fierro,* ***Tiziana Volpe****, Luisa Varriale*
			• Anomalies in intertemporal choice: an approach to the spread effect *Salvador Cruz Rambaud,* ***Virginia Fernández Collado***	**• Parametric Cooperative Optimization for Fund Allocation under Uncertainty: A Prescriptive Analytics Approach to Decision-Making** ***Francesco Ventura****, JR James, Giuseppe Caristi, David Barilla and Daniela Barba*	**• Ocean Management as a Complex Socio-Ecological System: An integrated valuation framework to inform Marine Spatial Planning** ***Francesco Andreottola****, S. Badiglio, S. Capasso, L. Guadalupi, M. Gambino, L. Mulazzani, A. M. Pacifico, M. Pettena, V. Pipitone, D.A.L. Quagliarotti, L. Seta, G. Malorgio*
			• A new behavioral model for portfolio selection using the Half-Full/Half-Empty approach *Francesco Cesarone, Massimiliano Corradini, Lorenzo Lampariello,* ***Jessica Riccioni***	**• Advancing marketing analytics through Quantum Kernel methods** *Laura Sáez-Ortuño,* ***Santiago Forgas-Coll****, Ruben Huertas-García, Massimiliano Ferrara*	**• Influence of entrepreneurial networking and disruptive innovation on small and medium-sized enterprises' performance: Evidence from Romania** ***Eduard Gabriel Ceptureanu***
			• Functional Modeling of Subjective Time: Analyzing Inconsistent Decisions via Functional Time Distortion ***Vincenzo Li Calzi,*** *Fabrizio Maturo, Salvador Cruz Rambaud, Andrea Mazzitelli, Annamaria Porreca*	**• Machine Learning and ESG Integration in Portfolio Optimization: Theory and Evidence** *Massimiliano Ferrara,* ***David Barilla****, Michael Morabito, Giuseppe Caristi*	
			• Embedding the Social Distance into Discounting Models ***Salvador Cruz Rambaud,*** *Jorge Hernández Pérez*	**• Matrix Pencil versus Conventional Methods for Financial Time Series Prediction** *Osamu Takahashi,* ***Bruno Antonio Pansera****, Massimiliano Ferrara*	
		16:45 - 17:00	**Coffee Break**		
		17:45	**Social Activity: Visit to the Historic Centre and Historical Buildings of Naples** **Piazza del Gesù, Naples**		

June, 18
Afternoon Sessions

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Location: University of Naples Parthenope, 📍 Palazzo Pacanowski, Via Generale Parisi, 13, 80132 Napoli NA

Day: 19, June

Time	Activity		
08:30	**Registration**		
9:00 – 10:00	**Plenary: A Regression Framework for Capturing Serial Dependence, Cross-Dependence, and Overdispersion in Insurance Claim Counts** **Invited Speaker: George Tzougas, Heriot Watt University, Edinburgh, Scotland** *Chair: Salvatore Scognamiglio* **(Room 1.2)**		
10:00 – 10:30	☕ **Coffee Break**		
10:30 – 11:45	**Session I** **(Room 1.1)**	**Session II** **(Room 1.2)**	**Session III** **(Room 1.7)**
	Special Session: Mathematical Methods of Economics, Finance and Actuarial Sciences	**Special Session: Emerging Quantitative Topics in Actuarial Finance & Risk.**	**Regular Session**
	Chair: Joseph Andria	*Chiar: Paolo De Angelis*	*Chair: Paolo Esposito*
	• Reliability models for complexity with applications ***Roy Cerqueti***	**• Lattice approximation schemes for skew diffusions: financial and actuarial applications** ***Emilio Russo***	**• Multi-Stage LLM Pipeline for Commercialization Potential Assessment of Academic Theses** ***Pawel Tomkiewicz***, *Szymon Guzik, Krzysztof Becker, Antoni Wiliński*
	• Forecasting Tail Risk with Irrational Brownian Motion: a Minimum-Distance Estimation approach *Mattera Raffaele,* ***Parmjit Kaur****, Ficcadenti Valerio, Dhesi Gurjeet*	**• Multi-index parametric insurance for agricultural weather risk management** *Roberto De Marchis,* ***Immacolata Oliva****, Gaetano Spartà, Gabriele Stabile*	**• Developmental trade-offs and the pursuit of happiness: income, emissions, and financial connectivity** *Gabriela-Mihaela Muresan,* ***Alexandra-Anca Purcel***
	• Reviewing the origins of the Irrational fractional Brownian Motion model ***Gurjeet Dhesi****, Bilal Shakeel, Parmjit Kaur, Valerio Ficcadenti, Raffaele Mattera*	**• Tree-like Pairwise Interaction Networks** *Ronald Richman,* ***Salvatore Scognamiglio****, Mario V. Wüthrich*	**• Multi-Agent LLM Systems as a Tool for Strategic Decision Support — Emergent Consensus Patterns in Management Team Simulations** *Szymon Guzik,* ***Paweł Tomkiewicz****, Antoni Wiliński*
	• A combined stochastic NPV and game-theoretic framework for the evaluation of investment decisions in a biogas plant *Antonio Di Bari,* ***Maria Romaniello***	**• A maximum likelihood–based Monte Carlo approach for measuring the Solvency Capital Requirement** ***Imma Lory Aprea****, Francesca Perla, Salvatore Scognamiglio, Andrea Spadaro*	**• Concentration in the banking industry and the emergence of centralized two-tiered interbank networks** ***Mario Eboli***
		• Quantifying Cyber Risk in Financial Intermediaries: Systemic Implications and Regulatory Convergence *Paola Fersini,* ***Salvatore Forte****, Antonella Malinconico, Giuseppe Melisi*	
11:45 – 13:00	**Session I** **(Room 1.1)**	**Session II** **(Room 1.2)**	**Session III** **(Room 1.7)**
	Special Session: Interdisciplinary Decision Frameworks for Reducing Food Waste in Agri-Food Systems The KILOWATT Project	**Special Session: Emerging Quantitative Topics in Actuarial Finance & Risk.**	**Special Session: Driving the Healthcare System through Quantitative Methods**
	Chair: Antonio Violi	*Chiar: Paolo De Angelis*	*Chair: Raffaela Ciuffreda*
	• Reducing Food Waste in Agri-food Systems: an overview of the Kilowatt Project ***David Toscano****, Francesco Santoro, Ada Biafore*	**• Physical Climate Risk and Actuarial Valuation Under Tail Uncertainty: A Bayesian Framework for Mortgage-Linked Insurance Products** ***Francesco Rania***	**• Risk-Adjusted Emergency Department Length-of-Stay Indicator: A Data-Driven Approach to Hospital Performance Comparison in Italy** *Stefano Domenico Cicala,* ***Giordano Brandoni****, Lorenzo Saya, Giacomo Diedenhofen, Raffaela Ciuffreda*
	• A Multi-Product Multi-Retail Inventory Routing Problem for Perishable and Non-Perishable Products with Heterogeneous Fleet, Delivery Patterns and Time Windows *Maria Elena Bruni,* ***Dario Vezzali***	**• Deep Climate Extension of Short-Term Mortality Models** *Francesca Perla,* ***Raffaele Clemente Petrella****, Salvatore Scognamiglio*	**• Organizational and Workforce Determinants of Rehabilitation Performance: A GLM Model approach leveraging the AGENAS 'Regional Healthcare Profiles'** ***Elisa Guidotti****, Federico Gioia, Alessandra Da Rosa*
	• Identification and chemical-physical evaluation of expired food mixtures suitable for biogas production via anaerobic digestion. ***Giuseppe D'Andrea****, Vittorio Palermo, Francesco Petrosino, Gerardo Coppola, Sudip Chakraborty, Stefano Curcio*	**• Climate Change Risk and Innovative Finance Insurance Mechanisms** ***Marcello Galeotti****, Giovanni Rabitti, Emanuele Vannucci*	**• Territorial Dynamics of Emergency Department Access: A Network Analysis Approach for Healthcare System Management in the Naples Metropolitan Area** *Danilo Catania, Stefano Parisi, Stefano Domenico Cicala,* ***Giusy Casazza****, Giorgio Luca*
	• A Dynamic Pricing approach for waste reduction of perishable products ***Antonio Violi****, Gerarda Fattoruso, Martina Violi*	**• Insurance demand under subjective and objective decision-making approaches** *Gaetano T. Spartà,* ***Gabriele Stabile***	**• Socio-Economic Deprivation and Avoidable Mortality: A Spatial Epidemiological Analysis Using the IDISE Index** ***Michele Zanella****, Danilo Catania, Stefano Domenico Cicala, Alessandra Burgio, Giancarlo Carbonetti, Fabio Lipizzi, Silvia Simeoni, Alessandro Solipaca*
		• Health-Conditioned Liquidity Constraints in Long-Term Saving Contracts *Emilia Di Lorenzo,* ***Alberto Piscitelli****, Alba Roviello*	**• Evaluating the impact of healthcare travel on clinical outcomes: a study on colon cancer surgery in italy** ***Giacomo Diedenhofen****, Danilo Catania, Antonino Urso, Giordano Brandoni, Federico Gioia, Maria Pia Randazzo, Raffaela Ciuffreda, Annarita Vestri, Francesco Amabile, Stefano Domenico Cicala*
13:00 - 14:00	🍽 **Lunch**		

June, 19
Morning Sessions

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June, 20	University of Naples Federico II Palazzo Orsini di Gravina, Via Monteoliveto, 3, 80134 Napoli NA

Location	Day	Time	Activity		
University of Naples Parthenope Palazzo Pacanowski, Via Generale Parisi, 13, 80132 Napoli NA	19, June	14:00 - 15:00	**Plenary: From Preferences to Process: On the Behavioral Foundations of Multi-Criteria Decision Making** **Invited Speaker: Jafar Rezaei, TU Delft, The Netherlands** *Chair: Paolo De Angelis* **(Room 1.2)**		
		15:00 - 16:00	**Session I** **(Room 1.1)**	**Session II** **(Room 1.2)**	**Session III** **(Room 1.7)**
			Special Session: Artificial Intelligence and Dynamics in Economic and Financial Decisions (AIDED)	**Special Session: Models and Methods for Financial Innovation**	**Special Session: Dynamics and complexity in Healthcare Systems Managerial, Social and Model implications**
			Chair: Luca Grilli	*Chair: Zelda Marino*	*Chair: Rocco Reina*
			• On the Discrete Dynamics of Credit Risk Contagion with Delay ***Lucia Maddalena***, *Matthias Ehrhardt, Viviana Fanelli*	**• Performance-Linked Bonds in Professional Football: A Financing Instrument Based on Changes in Team Performance** ***Giuseppina Dello Ioio***	**• The measurement of public value: beyond metric-centric evaluation in the public sector** *Paolo Esposito,* ***Massimiliano Tufo***
			• Temporal Structures and Information Encoding in Financial Markets *Costantino Dell'Osso, Luca Grilli, Francesca Romano,* ***Domenico Santoro***	**• Spatial Dependence in Temperature Portfolios: An Orthogonal Autoencoder Approach** *Stefania Corsaro,* ***Vincenzo Di Sauro,*** *Zelda Marino, Salvatore Scognamiglio*	**• Human capital and Organisational Efficiency in Southern Italian Hospitals: A Conditional Mul-ticomponent FDH Approach with Sequential Frontier and Intertemporal Benchmarking** *Francesco Rania, Rocco Reina,* ***Walter Vesperi***
			• Strategic Interaction in Energy Communities *Antonio Di Bari, Marta Biancardi, Stefan Bulai,* ***Giovanni Villani***	**• Cross-Sectional Intrinsic Entropy as a Reference for Portfolio Volatility Estimation** ***Claudiu Vinţe***	**• Artificial intelligence and job crafting in healthcare organizations: a JD–R intervention study** ***Filomena Riemma***, *Viviana Colombi Evangelista, Ludovica Del Barone, Gaia Pennino*
			• Multi-Depot Capacitated Vehicle Routing Problem with Processing Facilities (MDCVRP-PF): A Comparative Study of Heuristic and Ant Colony Optimization-Based Metaheuristics for Agricultural Logistics *Giacinto Angelo Sgarro, Francesco Colasanto, Domenico Santoro,* ***Luca Grilli***		**• Dynamic Priority Allocation and Stochastic Gap-Filling in Healthcare Waiting Lists: The DQPA-HWL/SGFC Framework** ***Francesco Rania***
		16:00 - 16:30	**Coffee Break**		
		16:30 - 17:30	**Session I** **(Room 1.1)**	**Session II** **(Room 1.2)**	**Session III** **(Room 1.7)**
			Special Session: Artificial Intelligence and Dynamics in Economic and Financial Decisions (AIDED)	**Special Session: Advances of Data Science for Human and Social Innovation from Methods to Decisions**	**Special Session: Digitalisation and Open Innovation Ecosystems for Circular Transition**
			Chair: Luca Grilli	*Chair: Mario Angelelli*	*Chair: Alessandra De Chiara*
			• Intelligent University Governance based on Data and Analysis (GUIDA): A Sentiment-Aware Predictive Framework for Resource Allocation ***Costantino Dell'Osso***, *Luca Grilli, Francesca Romano, Domenico Santoro*	**• A hybrid PLS-SEM and ANN approach for predictive modeling in psychometrics** ***Marco Bergamo*****,** *Mario Angelelli, Enrico Ciavolino*	**• Blockchain QR Codes and Consumer Trust in Sustainable Agri-Food** ***Adriana Baselice***, *Lucio Palazzo, Alessandra De Chiara, Michele Gallo*
			• Assessing the Role of Weather in Commodity Price Forecasting: Evidence from Fine Durum Wheat ***Antonio Vairo***, *Francesca Romano*	**• Do ChatGPT-Generated Texts Follow Benford's Law? First-Digit Tests on Word-Frequency Profiles** *Gurjeet Dhesi,* ***Valerio Ficcadenti****, Parmjit Kaur, Raffaele Mattera*	**• Digitalization and industrial symbiosis: understanding barriers to bridging the digital divide** *Maria Coscia,* ***Alessandra De Chiara***
			• Price prediction and Optimization of Energy Sharing in Renewable Energy Communities *Marta Biancardi,* ***Paola Catalano***	**• Inflammatory Bowel Disease and the gut microbiota: a compositional approach** ***Andrea Claudio Stetco***, Tiziano *Verri, Serena Arima*	**• Family as a safety net? Intergenerational financial transfers and well-being in an ageing Europe** ***Mircea Asandului***, *Adelina Panaite, Alexandra-Cristina Sîrbu, Alexandra-Maria CHIPER, Maria-Manuela NECHITA, Ştefan BOLOTĂ*
				• Promoting Sustainability in Tourism: Analysis of Tourist Preferences in Travel Planning and Proposal for an Open Data Platform for Puglia ***Giovanna Alessia Sternativo***, *Valentina Ndou, Benedetta Baglivo, Sergio Salvatore*	
		18:45	**Social Activity: Visit to Monte Echia** **Palazzo Pacanowski, Via Generale Parisi, 13 , Naples**		
		20:30	**Conference Dinner: Il transatlantico** **Via Luculliana, 15, 80132 Napoli NA**		

June, 19
Afternoon sessions

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Location	Day	Time	Activity	
University of Naples Federico II Palazzo Orsini di Gravina, Via Monteoliveto, 3, 80134 Napoli NA	20, June	08:30	**Registration**	
		9:00 - 9:15	**Welcome Sessions (Room 24, Second Floor)** *Head of the Department DIARC Marella Santangelo* *Chair: Bice Cavallo, Francesca Perla, Massimo Squillante*	
		9:15 - 10:30	**Session I (Room 21)**	**Session II (Room 24)**
			Special Session: Statistical Methods for Measuring and Analyzing the impact of Digitalization on Socio-Economic Phenomena	**Special Session: Navigating socio-ecological complexity in urban and territorial transformation: AI for more inclusive evaluation and decision-making**
			Chair: Pasquale Sarnacchiaro	*Chair: Maria Cerreta*
			• Structured Ambivalence Toward AI in Young Adults: A Multivariate Analysis of Trust and Socio-Digital Profiles ***Alessia D'Ambrosio***, *Antonio D'Ambrosio*	**• From Value Pluralism to Shared Consensus: IBTool as a Group Support System for Sustainability Assessment** ***Giuliano Poli;*** *Francesca Abastante; Francesco Piras*
			• The contribution of digitalization levels to GDP in European Countries: A Generalized Estimating Equations Approach ***Anna Crisci***, *Pasquale Sarnacchiaro*	**• Assessing SDG 11 targets at the neighborhood level: an multicriteria approach** ***Francesco Piras***; *Valeria Saiu; Francesca Abastante; Giuliano Poli*
			• Understanding Urban Inequalities: A Multivariate Analysis of Socio-Economic Deprivation *Irene Ariante,* ***Pasquale Sarnacchiaro***	**• Situated AI for Building Collective Values in Place-Based Policies: The Case of Atena Lucana** ***Sabrina Sacco***, *Caterina Loffredo, Piero Zizzania, Maria Cerreta*
			• Adoption Models and Latent Configurations: An Empirical-First Analysis of Blockchain Adoption *Tiziana Russo Spena, Nadia Di Paola, Pasquale Sarnacchiaro,* ***Irene Ariante, Sara Savy***	**• Reimagining urban green spaces through citizen science** *Simona Panaro, Federica Russillo,* ***Maria Cerreta***
			• A Multidimensional Framework for Assessing Tourism Sustainability: Beyond the Overtourism Paradigm ***Roberta Di Gennaro***, *Enrico Di Taranto, Guido Rodia*	**• Climate Risk and Adaptability in Real Estate Dynamics: Approaches and Tools for Integrated Valuations** ***Mingyang Yu***, *Giuliano Poli, Pasquale De Toro, Maria Cerreta*
		10:30 - 10:45	**Coffee Break**	
		10:45 - 11:45	**Plenary: Multivariate data analysis on matrix manifolds** **Invited Speaker: Nickolay Trendafilov, The Open University, UK** *Chair: Michele Gallo* **(Room 24, Second Floor)**	
		11:45 - 12:30	**Session I (Room 21)**	**Session II (Room 24)**
			Special Session: AI and Computational Intelligence techniques applied to the dynamics of socio-economic systems	**Special Session: Mathematical Methods of Economics, Finance and Actuarial Sciences**
			Chair: Ferdinando Di Martino	*Chair: Giacomo di Tollo*
			• AI-Based Analysis of Sentiment Diffusion and Polarization in Decentralized Social Networks Sara Abagnale, Diodato Ferraioli, Pasquale Gambino, ***Sabrina Senatore***	**• Genetic Algorithms and Mathematical Actuarial Reserve: an experimental analysis** *Paolo De Angelis,* ***Giacomo di Tollo***
			• AI-Based Fuzzy Decision Support for Multi-Risk Urban Systems: Heatwave Impacts under Pandemic Conditions ***Rosa Cafaro***, Barbara Cardone, Ferdinando Di Martino, Vittorio Miraglia	**• Regime Switching and Energy Demand: the case of Estonia** ***Joseph Andria***, *Giacomo di Tollo, Jaan Kalda*
				• Urban-rural integration and landscape sustainability ***Simona Andreea Apostu***
		12:30 - 13:00	**DySES Award and Conference ending (Room 24)**	

June, 20
Morning Sessions

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