

DSSR 2024

Data Science & Social Research
4th International conference

Naples, 25th-27th March 2024

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UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II



UNIVERSITÀ DEGLI STUDI DI BASILICATA
ALDO MORO



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II



Scienze Sociali
il DISS
Dipartimento di Eccellenza 2023-2027



DiSES
Dipartimento di Scienze Economiche e Statistiche



Società Italiana di Statistica



APEf



ASA
Associazione per la Statistica Applicata
Applied Statistics Association



AIS
ASSOCIAZIONE ITALIANA DI SOCIOLOGIA



Logic and Methodology in Sociology
ISA
International Sociological Association



ITALIAN INSTITUTE FOR THE FUTURE
IF

Monday, March 25

Place	Time	Event	Room	Organizer	Chair	Type Session	
Complesso dei SS. Marcellino e Festo, - Largo S. Marcellino, 10	9,00-10,00	Registration	Chiostro				
	10,00-11,00	Welcome Address	Sala Congressi				
	11,00-12,00	Plenary Session Enrico Giovannini	Sala Congressi	Verde R.			
	12,00-12,30	Coffee break	Chiostro				
	12,30-13,30	Session 1	Sala Congressi	Amaturo E., Masullo G.	Amaturo E.	Specialized	
		Session 2	G3	Bonomo A., Strozza S.	Strozza S.	Specialized	
		Session 3	T2	Punziano G., Delli Paoli A.	Delli Paoli A.	Specialized	
		Session 4	G4		Signoriello G.	Contributed	
	13,30-14,30	Lunch	Chiostro				
	14,30-15,30	Session 5	G4	Crescenzi F., Righi A.	Crescenzi F.	Specialized	
		Session 6	T2	Primerano I. (1)	Primerano I.	Specialized	
		Session 7	Sala Congressi	Nissi E.	Nissi E.	Specialized	
		Session 8	G3	Piscitelli A.	Piscitelli A.	Specialized	
	15,30-16,30	Round table: Futures Studies and Statistics: a possible and desirable marriage Di Zio S., Bolzan M., Giovannini E., Rizzo G.	Sala Congressi	Paura R.			
	16,30-17,30	Plenary Session Vincenzo Esposito Vinzi	Sala Congressi	Crocetta C.			
	17,30-18,30	Session 9	Sala Congressi	Vichi M.	Vichi M.	Specialized	
		Session 10	G3	D'Uggento A.	D'Uggento A.	Specialized	
		Session 11	G4	Iezzi F., Misuraca M.	Iezzi F.	Specialized	
		Session 12	T2	Addeo F., Felaco C.	Felaco C.	Specialized	
	18,30	Welcome cocktail	Chiostro				
19,30	Tour of the historic center of Naples: Vascitour "Live a day as a Neapolitan"						

Tuesday, March 26

Place	Time	Event	Room	Organizer	Chair	Type Session
Centro Congressi Federico II, Via Partenope, 36	8.30-9.30	Session 13	Sala B	Scepi G.	Scepi G.	Specialized
		Session 14	Sala A	Zavarrone E.	Zavarrone E.	Specialized
		Session 15	Aula Magna	Di Bella E., Alaimo L.	Alaimo L.	Specialized
	9,30-10,30	Session 16	Sala A	Brito P.	Brito P.	Specialized
		Session 17	Aula Magna	Cascella C.	Cascella C.	Specialized
		Session 18	Sala B	Primerano I. (2)	Primerano I.	Specialized
	10,30-11,00	Coffee break				
	11,00-12,00	Plenary Session Karina Gibert	Aula Magna		Palumbo F. Longo G. (discussant)	
	12,00-13,00	Session 19	Aula Magna	Fabbris L.	Fabbris L.	Specialized
		Session 20	Sala A	Mariani P.	Mariani P.	Specialized
		Session 21	Sala B		Brentari	Contributed
	13,00-14,00	Lunch				
	14,00-15,00	Plenary Session Sonia Stefanizzi	Aula Magna		Aragona B.	
	15,00-16,00	Session 22	Aula Magna	Balzanella A., Verde R.	Balzanella A.	Specialized
		Session 23	Sala A	Palumbo F.	Palumbo F.	Specialized
		Session 24	Sala B	Carpita M., Ciavolino E.	Ciavolino E.	Specialized
	16,00-16,30	Coffee break				
16,30-17,30	Round table: Sustainable Tourism: Strategies and Innovations Antolini F., Casucci F., Cruciani S., Crocetta C.	Aula Magna		Crocetta C.		
17,30-18,30	Session 25	Sala B		Cataldo R.	Contributed	
	Session 26	Sala A		Arpino B.	Contributed	
	Session 27	Aula Magna	Aria M., Spano M.	Aria M.	Specialized	
20,30	Social Dinner					

Wednesday, March 27

Place	Time	Event	Room	Organizer	Chair	Type Session
Centro Congressi Federico II, Via Partenope, 36	8.30-9.30	Session 28	Sala B	Giordano G.	Giordano G.	Specialized
		Session 29	Sala A	Belloni P.	Belloni P.	Specialized
		Session 30	Aula Magna		Simonacci V.	Contributed
	9,30-10,30	Session 31	Sala A		Tedesco N.	Contributed
		Session 32	Aula Magna	Seghieri C., Ferrante M.	Ferrante M.	Specialized
		Session 33	Sala B		Bolzan M.	Contributed
	10,30-11,00	Coffee break				
	11,00-12,00	Plenary Session Ludovic Lebart	Aula Magna		Lauro C.	
	12,00-13,00	Session 34	Aula Magna	Camillo F.	Camillo F.	Specialized
		Session 35	Sala A	Arvidsson A.	Luise V.	Specialized
		Session 36	Sala B	Pisano C., Scisci D.	Pisano C.	Specialized
	13,00-14,00	Lunch				
	14,00-15,00	Plenary Session Massimo Ragnedda	Aula Magna		Amaturo E.	
	15,00-16,00	Session 37	Sala B	Antolini F. (1)	Antolini F.	Specialized
		Session 38	Aula Magna	Corbisiero F., Monaco S.	Monaco S.	Specialized
		Session 39	Sala A	Antonicelli M.	Antonicelli M.	Specialized
	16,00-17,30	Round table: Mediamorphosis: state and perspectives of DataJournalism in Italy Sabbadini L.L., Crocetta C., Amaturo E., Lucarelli O., Affinito D.	Aula Magna		Lauro C., Mezza M.	
	17,30-18,30	Session 40	Sala A	Silan M.	Silan M.	Specialized
Session 41		Aula Magna	Antolini F. (2)	Antolini F.	Specialized	
Session 42		Sala B	Balzano S.	Balzano S.	Specialized	
18,30-19,00	Best Presentation Award–VADISTAT	Aula Magna		Scepi G.		
19,00-19,30	Closing Ceremony	Aula Magna				

Monday, March 25

Place	Time	Welcome Address	Room
<p>Complesso dei SS. Marcellino e Festo, - Largo S. Marcellino, 10</p>	<p>10,00-11,00</p>	<p>Matteo Lorito Magnificent Rector of the University of Naples Federico II</p> <p>Corrado Crocetta - University of Bari Aldo Moro President of the Italian Statistical Society (SIS)</p> <p>Luigi Fabbris - University of Padua President of the Association for Applied Statistics (ASA)</p> <p>Sonia Stefanizzi - University of Milano–Bicocca Vice President of the Italian Association of Sociology (AIS)</p> <p>Dora Gambardella Director of the Department of Social Sciences of the University of Naples Federico II</p> <p>Maria Gabriella Graziano Director of the Department of Economics and Statistics of the University of Naples Federico II</p> <p>Enrica Amaturò Coordinator of the PhD in Social Sciences and Statistics at the University of Naples Federico II General Chair DSSR2024</p> <p>Carlo Lauro President of the Association of Emeritus Professors of the University of Naples Federico II (APEF) General Chair DSSR2024</p> <p>Biagio Aragona - University of Naples Federico II <i>co-Chair</i> DSSR2024</p>	<p>Sala Congressi</p>

Monday, March 25

Place	Time		Room	Chair
Complesso dei SS. Marcellino e Festo, - Largo S. Marcellino, 10	11,00-12,00	Plenary Session Enrico Giovannini	Sala Congressi	Verde R.
	16,30-17,30	Plenary Session Vincenzo Esposito Vinzi <i>Data & AI: for a future-fit Business Education</i>	Sala Congressi	Crocetta C.

Tuesday, March 26

Centro Congressi Federico II, Via Partenope, 36	11,00-12,00	Plenary Session Karina Gibert <i>The role of data and knowledge in the field of AI</i>	Aula Magna	Palumbo F. Longo G. (discussant)
	14,00-15,00	Plenary Session Sonia Stefanizzi <i>What kind of science is data science?</i>	Aula Magna	Aragona B.

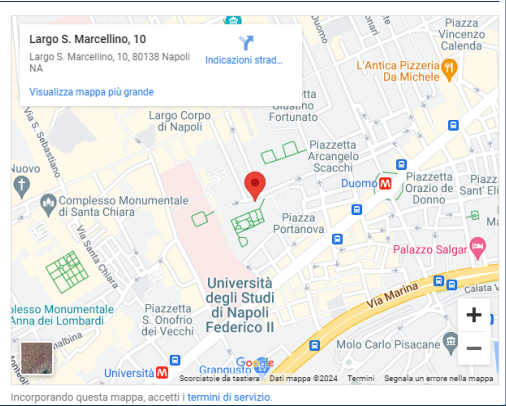
Wednesday, March 27

Centro Congressi Federico II, Via Partenope, 36	11,00-12,00	Plenary Session Ludovic Lebart <i>Visualization of Textual Data: some recent improvements</i>	Aula Magna	Lauro C.
	14,00-15,00	Plenary Session Massimo Ragnedda <i>Bridging Theory to Practice: The Operationalization of Digital Capital</i>	Aula Magna	Amaturo E.

Monday, March 25				
Place	Time		Room	Chair
Complesso dei SS. Marcellino e Festo, - Largo S. Marcellino, 10	15,30-16,30	<p>Round table: Futures Studies and Statistics: a possible and desirable marriage</p> <p>Di Zio S., Bolzan M., Giovannini E., Rizzo G.</p>	Sala Congressi	Paura R.
Tuesday, March 26				
Centro Congressi Federico II, Via Partenope, 36	16,30-17,30	<p>Round table: Sustainable Tourism: Strategies and Innovations</p> <p>Antolini F., Casucci F., Cruciani S., Crocetta C.</p>	Aula Magna	Crocetta C.
Wednesday, March 27				
Centro Congressi Federico II, Via Partenope, 36	16,00-17,30	<p>Round table: Mediamorphosis: state and perspectives of DataJournalism in Italy</p> <p>Sabbadini L.L., Crocetta C., Amaturò E., Lucarelli O., Affinito D.</p>	Aula Magna	Lauro C., Mezza M.

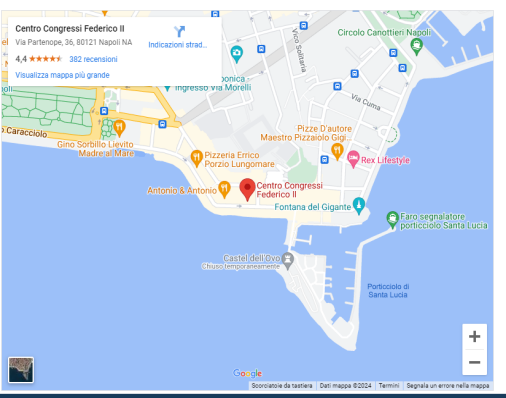
Monday, March 25

Complesso dei SS. Marcellino e Festo, -
Largo S. Marcellino, 10



Tuesday, March 26 – Wednesday, March 27

Centro Congressi Federico II, Via Partenope, 36



Monday, March 25

Place	Time		
<p>Start from Complesso dei SS. Marcellino e Festo, - Largo S. Marcellino, 10</p>	<p>19,30 -21,30</p>	<p>Tour of the historic center of Naples: Vascitour "Live a day as a Neapolitan"</p> <ul style="list-style-type: none"> • Spaccanapoli • Church of Gesù Nuovo • Church of Santa Chiara; • Obelisks and the squares • San Gregorio Armeno • Decumano maggiore and Decumano superiore • Bellini Square (last stop of the tour) 	<p><u>Free, filling out the form on website</u></p> <p>Reservation by March 18th</p>

Tuesday, March 26

<p>Ristorante Ciro Via Luculliana, 29, 80132 Naples</p>	<p>20,30</p>	<p>Social Dinner</p>	<p>€65</p> <p>The payment of the Social dinner must be made by transfer to: Vascitour Società Cooperativa Banca di Credito Cooperativo IBAN: IT42M0711003400000000006555 Bank transfer reference: DSSR2024 Social dinner - Last Name First Name</p> <p>Reservation by March 18th</p>
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N°	Type	Title	Organizer / Chair	Title	Authors	Date	Time	Room	
1	Specialized session	Epistemological and methodological issues in Digital social research	Amaturo E., Masullo G.	1	Where is the love? The role of Algorithm Awareness in Tinder online dating	Felaco C., Acampa S.	March, 25	12,30-13,30	Sala Congressi
				2	Exploring the Frontiers of Digital Social Research: Analysis of Distortions in Digital Data and Implications for Online Social Research	Lenzi F. R., Cavagnuolo M. , Esposito V., Iazzetta F.			
				3	Critical profiles of the use of algorithmic tools in the administration of justice	Pascali M.			
				4	Digital-environmental habitus among Italian users: Using Path Structural Modelling to explore the role of Digital Expertise and Environmental Predispositions in enhancing digital sustainability	Ruiu M. L., Ragnedda M. , Ruiu G.			
2	Specialized session	Populations and socio-demographic behaviors: some pieces	Bonomo A., Strozza S.	1	Exploring Recent fertility trends in Italy by native and foreigners subgroups: A PLS Path Modeling Analysis	Mazza R., Pereiro T., Paterno A.	March, 25	12,30-13,30	G3
				2	The relationship between demographic dynamics and population ageing: a local multiscale approach	Benassi F., Buonomo A., Heins F., Strozza S.			
				3	Political participation of immigrants and ethnic identity	Gatti R., Buonomo A., Strozza S.			
				4	Sri Lankans in Italy: linking residential choices to spatial variations in the contextual socioeconomic conditions between and within eight main municipalities	Bitonti F., Benassi F., Mazza A., Strozza S.			
3	Specialized session	Digital data quality: challenges and pitfalls	Punziano G., Delli Paoli A.	1	Do Algorithms Dream of Digital Societies? Exploring Human and AI Interactions in the Data Age	Grassi E.	March, 25	12,30-13,30	T2
				2	Crowdsourcing platforms in digital social research: methodological and ethical issues	Catone M. C., Cataldi S.			
				3	Geo-media and social stratification: a case study	De Falco C.C., Romeo E., De Falco A., Ferracci M.			
				4	Limitations and opportunities of social research on X. A study on the Italian case of ChatGPT-4	Ambrosio C., Laezza V., De Falco C.C.			
4	Contributed session	Statistical approaches for socio economic problems	Signoriello G.	1	The evolution of social frailty in social domain: a bibliometric analysis	Cavrini G., Grassia M. G., Marino M, Stavolo A.	March, 25	12,30-13,30	G4
				2	The student population with migratory background: statistical challenges of a self-selected sample from the University of Milan-Bicocca (Uni4All)	Giammei L., Terzera L., Mecatti F.			
				3	Misconceptions of social positioning across time and space	Bellani D., Clerici E., Kulic N., Mantovani D., Vergolini L.			
				4	Unveiling the power of PublicWorksFinanceIT R Package for analyzing and visualizing Italian Soil Defense Investments	Ricciotti L., Pollice A.			

N°	Type	Title	Organizer / Chair	Title	Authors	Date	Time	Room	
5	Specialized session	Data Integration for social studies in official statistics	Crescenzi F., Righi A.	1	The use of machine learning techniques on the integrated administrative data system aims to enhance the accuracy of the population census count	Laureti Palma A., Gallo G.	March, 25	14,30-15,30	G4
				2	ISTAT new enumeration areas 2021 for spatial analysis	Mugnoli S., Lipizzi F., Sabbi A.			
				3	Inference for big data assisted by small area methods: an application on SDGs sensitivity of enterprises in Italy	Pratesi M., Bertarelli G.			
6	Specialized session	Fostering Open Data for Social Science Research (1)	Primerano I.	1	Bringing together different data sources in Italy: the FOSSR project	Pennacchiotti C., D'Ambrosio G., Primerano I.	March, 25	14,30-15,30	T2
				2	Assessing Openness of Social Data Platforms: a mixed method approach	Landri P., Taddei L.			
				3	Designing the Italian Online Probability Panel: innovations and challenges to foster open science	Marchesini, N., Taddei, L., Visconti, F.			
7	Specialized session	Data Science, Environment and Sustainability	Nissi E.	1	Statistics for Environment: Tourism and Sustainability in Italy	Crocetta C., Massari A., Perchinunno P., L'Abbate S.	March, 25	14,30-15,30	Sala Congressi
				2	Young people's awareness and attitudes towards climate change: empirical evidence from southern Italy	Calculli C., D'Uggento A. M., Pollice A., Ribecco N.			
				3	Practical Consequences of Wolpert's Theorem in Addressing the Issue of Missing Environmental Data	Barca E.			
8	Specialized session	Integral Well-being: Mental, Physical and Social Levels	Piscitelli A.	1	Voting as a sign of Italian young people's political willpower	Fabbris L., D'Uggento A., Pepe I., Quarato R.	March, 25	14,30-15,30	G3
				2	Mental health matters: a study of academic well-being	Di Stefano L., Parra Saiani P., Ivaldi E.			
				3	Structural vulnerability and alcohol consumption: Pastos indigenous people in south-western Colombia	Meza Gavilanes D. I.			
9	Specialized session	Statistical Model for Data Science	Vichi M.	1	Clustering and Model-Based composite indicators for environmental analysis	Vichi M.	March, 25	17,30-18,30	Sala Congressi
				2	Functional Data Analysis and Group Lasso Integration for Assessing Chemical and Meteorological Influences on PM10 Concentration	Di Battista T., Evangelista A., Sarra A., Acal C., Aguilera A.M., Palermi S.			
				3	Generalized Regularized Reduced-Rank Regression Models with Mixed Responses and Mixed Predictors	Cotugno L., de Rooij M., Siciliano R.			
				4	Examining sparse archaeological data: Advantages and drawbacks of Simple Correspondence Analysis and its Variants	Lombardo R., Beh E.J.			

N°	Type	Title	Organizer / Chair	Title	Authors	Date	Time	Room
10	Specialized session	Data Frameworks in Social Sciences	D'Uggento A.	1 Using Supervised ANN to Input Missing Categorical Data	d'Ovidio F. D., D'Uggento A. M., Firza N., Pagano A., Toma E.	March, 25	17,30-18,30	G3
				2 A Bayesian quantile regression model in the Italian judiciary framework	Cusatelli C., Giacalone M., Nissi E.			
				3 The use of machine learning techniques in social statistics: the healthcare context	Antoniceilli M., Maggino F., Urbani S.			
				4 Household economics and demographic characteristics: the case of the real estate market in the city of Bari	Marini C., Nicolardi V.			
11	Specialized session	Performing Text Analytics: methods, applications, and tools	Iezzi F., Misuraca M.	1 TALL: a new Shiny app of Text Analysis for All	Aria M., Cuccurullo C., D'Aniello L., Misuraca M., Spano M.	March, 25	17,30-18,30	G4
				2 Investigating topic interpretability of legal corpora: A fuzzy topic modelling approach	Calcagni A., Tuzzi A.			
				3 Dynamic Community Detection for Framing Analysis: capturing frames over time.	Cobo M. J., De Mascellis A., Misuraca M., Scepti G., Spano M.			
				4 Eco-centric Lens: Unveiling Topics in Sustainable Tourism for a Greener Future	Zavarrone E.			
12	Specialized session	The Role of Digital Technology in Society and Social Research: New Perspectives and Criticalities	Addeo F., Felaco C.	1 Exploring the narratives on Artificial Intelligence in the context of the 2030 Agenda: a social media content analysis	Crescentini N., Felaco C.	March, 25	17,30-18,30	T2
				2 A new revival of content analysis? Uses, purposes, and categorisation system in the era of digital traces	Amaturo E., Punziano G., Patricelli G. M.			
				3 Tales of future. A Methodological Proposal for Studying Imaginaries in Digital and Technological Transformation	Acampa S.			
				4 Data analysis applied to an innovative and immersive e-commerce platform for the promotion of Made in Italy	Masellis B., Vitullo S., Di Lecce M., Lamacchia A., Setzu G., Ruoto A., Calciano M., Piscopo G.			

N°	Type	Title	Organizer / Chair	Title	Authors	Date	Time	Room	
13	Specialized session	Multivariate Analysis for measuring vulnerability to poverty	Scepi G.	1	Defining a composite measure of Educational Poverty at the individual level: a multidimensional approach	De Falco A., Davino C., Fabbriatore R., Pratschke J., Romano R.	March, 26	8,30-9,30	Sala B
				2	Poverty and high school students' career aspirations: a structural equation modeling approach to measure and explore the role of the capacity to aspire	Fabbriatore R., De Falco A., Gherghi M., Morlicchio E.			
				3	Determinants of vulnerability to poverty: evidence from Italy	Acconcia A. , Mattera R., Misuraca M., Scepi G., Spano M.			
				4	On the determinants of the inability of Italian household to make ends meet	Condino F., Domma F.			
14	Specialized session	Revolutionizing Language Understanding: The Pinnacle of NLP Breakthroughs	Zavarrone E.	1	Unleashing the Creative Wave: A Benchmarking Odyssey between AI and Generative AI in Language Technologies	F. Neri, M. Caridi, T. Petrolito	March, 26	8,30-9,30	Sala A
				2	Co-occurrence network to explore research topics evolution among Italian statisticians	Fabbrucci Barbagli A.G., De Stefano D., Santelli F., Zaccarin. S.			
				3	AI revolution in healthcare and medicine: transformative insights trough natural language processing	Forciniti A., Santelli F.			
				4	Statistical analysis of visitors' online reviews for artistic and cultural Attractions	Ricciardi R., Manisera M., Zuccolotto P.			
15	Specialized session	Social inequalities: aspects and measurements	Di Bella E., Alaimo L.	1	Unveiling the socio-economic impacts: A robotic prosthetic hand project	Preti S.	March, 26	8,30-9,30	Aula Magna
				2	Skellam regression for death count modelling	Lanfiuti Baldi G., Nigri A.			
				3	Spatial clustering algorithm for the multidimensional analysis of social inequalities	Crocetta C., Alaimo L.S., Perchinunno P., L'Abbate S.			
				4	Leveraging the multiway approach for cohort gender gap analysis	Levantesi S. , Giordani P. , Nigri A.			
16	Specialized session	Symbolic Data Analysis for Social Research	Brito P.	1	Exploring international data on students' reading performance with s-concordance measures	Korenjak-Černe S.	March, 26	9,30-10,30	Sala A
				2	Recognition of emotions by s-discordance measure: supervised and unsupervised approach	Dobša J.			
				3	Visualizing Multidimensional Distributional data: some new tools	Irpino A.			
17	Specialized session	Educational Data Science	Cascella C.	1	Educational Data Science: Challenges and Opportunities in a rapidly evolving Information Age	Cascella C.,Pampaka M.	March, 26	9,30-10,30	Aula Magna
				2	Navigating Student Information Risks in Educational Social Media	Rosenberg M., Pritchard C., Borchers C., Fischer C., Stegenga S., Fox A.			
				3	What Timescape for Educational Data? Slowness, Temporal Care and an Ethics of the Possible	Grimaldi E., Parola J.			
18	Specialized session	Fostering Open Data for Social Science Research (2)	Primerano I.	1	Synthetic Populations and Agent-based Modeling: Challenges and Prospects in the Open Science	Paolillo R., Paolucci M.,	March, 26	9,30-10,30	Sala B
				2	Open Science for Social Impact: the FOSSR Project Learning Platform	Cerulli G., Spinello A.O.			
				3	Jurassic Guide: Innovations and Challenges to Survey Child well-being in Italy	Cocchi D., Ecchia G., Giovinazzi F., Monfardini C., Tosi F., Ventrucci M., Wakefield M.			

N°	Type	Title	Organizer / Chair	Title	Authors	Date	Time	Room
19	Specialized session	Gamification for statistics learning: Strategies and experiences	Fabbris L.	1 Play is the New Stat	Camporese R, Bailot. M., Caleprico E., Marino M., Osti S.	March, 26	12,00-13,00	Aula Magna
				2 Sculpting Tomorrow: Exploring Futures Studies and Statistics through Gamification	DI Zio S.			
				3 Business Statools: An innovative tool for statistics learning	Santarcangelo V., Fabbris L.			
20	Specialized session	Approaches to sustainability	Mariani P.	1 The definition of sustainability for Italian stakeholders: evidences from a survey	Marletta A., Angelone R., Mariani P., Zenga M.	March, 26	12,00-13,00	Sala A
				2 Mind the gender gap: exploring inclusivity in the Italian life sciences companies	Benedan L., Colapinto C., Marian P., Pagan L., Zenga M.			
				3 Delphi method in life science: myth or reality?	Galeone C., Castiglioni S., Benedan L., Pelucchi C., Mariani P.			
				4 Short Time Series in labour market: a trajectory analysis for EU countries from 1995 to 2022	Quatto P., Marletta A., Mariani P.			
21	Contributed session	Statistical analysis for social issues	Brentari E.	1 European State of Future Index (ESOFI): the impact of Economic, Social and Environmental dimensions on the future of the European Union	Di Lorenzo R., Mazza R., Voitsekhovska V., Cataldo R.	March, 26	12,00-13,00	Sala B
				2 Researching discourses on emerging technologies: how integrating qualitative and quantitative data can improve the quality of social media data	Amato F., Aragona B., Chianese D., De Angelis M.			
				3 Data Journalism in the Fight Against Disinformation	Rossetti L.			
				4 Digital data and welfare policies: From information systems to new innovations of participatory data governance	de Luca Picione G.L., Fortini L., Trezza D.			
22	Specialized session	Data analysis methods for complex data with applications to business, economics, and the Environment	Balzanella A., Verde R.	1 Impact of the Russian invasion of Ukraine on coal markets: Evidence from an event-study approach	Cerchiello P.	March, 26	15,00-16,00	Aula Magna
				2 Statistical Learning Methods for Early Detection of Corporate Crises	Riccio D., Bifulco G.M., Paolone F., Mazzitelli A., Maturo F.			
				3 Assessing pollution's impact on quality of life with regression on distribution data	Borrata G.M., Verde R., Balzanella A.			
23	Specialized session	Data science in health services research	Palumbo F.	1 Laplacian Embedding and Spectral Clustering for Three-Way data	Di Nuzzo C., Ingrassia S.	March, 26	15,00-16,00	Sala A
				2 Randomly perturbed random forests	Montanari A., Anderlucci L.			
				3 Probabilistic Distance Clustering for Mixed-type Data to analyze student data	Palumbo F., Tortora C.			
				4 Differential Error Effects on Clustering Mixed-Type Data	Veronesi V., Marianthi M.			
24	Specialized session	Methodological Issues and Applications with SEM	Carpita M., Ciavolino E.	1 The CTA-PLS Approach for SEM: Applications	Angelelli M., Ciavolino E.	March, 26	15,00-16,00	Sala B
				2 The CTA-PLS Approach for SEM: Simulation	Cefis M., Carpita M.			
				3 On the selection of a unidimensional set of items	Farcomeni A.			
				4 A second-order path modelling approach for the assessment of honey bee colony health	Simonetto A., Gilioli G.			

N°	Type	Title	Organizer / Chair	Title	Authors	Date	Time	Room
25	Contributed session	Artificial Intelligence	Cataldo R.	1 Innovative inclusive kitchen system for visually impaired: airflow-induced heat notification for safe cooking	Paolicellia F., Di Gioia A., Santarcangelo V., Scintu D.	March, 26	17,30-18,30	Sala B
				2 Analysis by artificial intelligence of the brand promise of a chromogenic label	Vena F., Vena L., Vena L., Giannone F., Crisafulli S.G., Massa E., Santarcangelo V., Calciano M.V.			
				3 Innovative dynamic system for inclusive screening in optics and orthoptics using tailor-made 3D-printed diagnostic goggles and AI-driven modelling and exercises	Scavone G., Romano A., Santarcangelo V., Giacalone M.			
				4 An innovative approach for the interconnection and monitoring of a table soccer	Favale N., D'Alcantara A., Santarcangelo V., Calciano M., Giacalone M.			
26	Contributed session	Big data and social issues	Arpino B.	1 Unveiling corruption risks in public procurement: the imperative of big data management	Gnaldi M., Del Sarto S.	March, 26	17,30-18,30	Sala A
				2 Big Data evolution in the Italian judicial framework	Piscopo G., Basile V., Longobardi M., Giacalone M.			
				3 Georeferenced sentiment analysis of tourist attractions in the city of Naples	Celardo L., Misuraca M., Spano M.			
				4 Explainable (Statistical) Approach to NLP Recommender System	Travaglione S. Siciliano R.			
27	Specialized session	Quantitative Content Analysis	Aria M., Spano M.	1 Sustainability Reporting in Italian Corporations: Uncovering Governance Diversity	Belfiore A., Cuccurullo C.	March, 26	17,30-18,30	Aula Magna
				2 PLS-SEM: a Bibliometrix tale development	Ciavolino E. , Aria M., Angelelli M.			
				3 Forecast viral content analysis in social media	D. F. Iezzi, R. Monte, D. Pasquini			
				4 Measuring Knowledge Distance: A Semantic Analysis of scientific publications	D'Aniello L., García N.R. , Aria M., Cuccurullo C.			

N°	Type	Title	Organizer / Chair	Title	Authors	Date	Time	Room
28	Specialized session	Network Data and Knowledge Extraction	Giordano G.	1 Investigating the immigration debate on newspapers: a statistical analysis of media language	Cucco A., del Gobbo E., Fontanella L., Fontanella S., Sarra A.	March, 27	8,30-9,30	Sala B
				2 Clustering of attributed networks via DISTATIS	Ragozini G., Policastro V., Rondinelli R.			
				3 A New Approach for Analysing Functional Dependencies in Network Data	Romano E., Diana A., Irpino A.			
29	Specialized session	Network analysis in social statistics: recent methods and applications	Belloni P.	1 Analysis of multimorbidity patterns via graphical models	Banzato E., Boccuzzo G., Roverato A.	March, 27	8,30-9,30	Sala A
				2 Cultures as networks of cultural traits: a unifying framework for measuring culture and cultural distances	De Benedictis L., Rondinelli R., Vinciotti V.			
				3 Data-Driven Model Building for Life-Course Epidemiology	Petersen A.H., Ekstrøm C. T.			
30	Contributed session	Unstructured data	Simonacci V.	1 Teachers' beliefs on the use of digital technologies at school: text mining of open-ended questions.	Sarra A., Pentucci M., Nissi E.	March, 27	8,30-9,30	Aula Magna
				2 The spread of Random Forest across scientific research fields: a comprehensive bibliometric analysis	Gnasso A., D'Aniello L., Aria M.			
				3 Analyzing Official Statistics with Symbolic Data Analysis	Brito P., Silva A.P.D.			
31	Contributed session	Statistical method for Tourism and Transport	Tedesco N.	1 Anticipating Delays in Cohesion Infrastructure Projects. A Machine Learning Approach	Coco, G., Monturano, G. e Resce, G.	March, 27	9,30-10,30	Sala A
				2 Nature-based solutions and proximity tourism: the experience of the younger generation	Bollani L., Bonadonna A.			
				3 Service quality matters: a new approach for assessing airline operational performance	Rapposelli A., Za S., Scornavacca E.			
				4 Customer Satisfaction in Rail Transport	Iaquinta P., Ciuleo E.			
32	Specialized session	Data science in health services research	Seghieri C., Ferrante M.	1 Process mining discovery starting from process-unaware data: lessons learned from an application in healthcare	Leonetti S., Burattin A., Tricò D., Mikkelsen N. S., Ma q., Jama F.H., Ferreira Lima P.E., Seghieri C.	March, 27	9,30-10,30	Aula Magna
				2 Exploring HIV hotspots in Zambia and Zimbabwe: an analysis using the INLA-SPDE approach	Arcaio M., Parroco A.M, Nnanatu C.C.			
				3 Comparisons of different methods to derive MRI-based aging clock for the heart and evaluation of the effect of socioeconomic inequalities on the age gap	Lorenzoni V., Andreozzi G., Masci P.G.			
				4 Data-Driven Decisions: Optimizing Emergency Room Operations for Better	Paesano S., Sacco D., Gubitosa G., Anecchiarico A., D'Agostino F., Di Palma V., Grassia M.G. ,			
33	Contributed session	Methods for Environment	Bolzan M.	1 Modelling the Topics of Italian Tweets About the 2022 Energy Crisis	Farnè M., Zavarise L.	March, 27	9,30-10,30	Sala B
				2 Francybas : smart stick for forest safety, trail discovery and biodiversity protection	Colucci M., Romani S., Radosti G., Santarcangelo V.			
				3 Allinchain : creation and veracity analysis of a distributed blockchain in smart bins for certified destruction	Stella G., Oddo G., Di Lecce M, Trimarchi M., Sinitò D.C.			
				4 Variable importance in random forest with Global Sensitivity Analysis: a numerical experiment	Vannucci G., Siciliano R., Saltelli A.			

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34	Specialized session	Innovative Crossroads: Challenges and Solutions in the Integration of Statistics and Artificial Intelligence in Societies and Health Care	Camillo F.	1 Exploring synergy: generative artificial intelligence for communicating in-depth profiling of psychographic clusters created with the 'thémascope' approach	Camillo F.	March, 27	12,00-13,00	Aula Magna
				2 Advanced Radiomics and Machine Learning in Oral Cancer Diagnosis	Piombino P., Carraturo E., Germano C.			
				3 One Digital Health: One world, One Vision, One Ecosystem	Tamburis O.			
				4 In the Eyes of Experts: Clinicians' Assessment of AI's Role in Healthcare	Sacco D., Grassia M.G., Massa L., Massa S., Pastena F.P., Paesano S.			
35	Specialized session	TikTok Analysis	Arvidsson A., Luise V.	1 The platformization of consumer culture on TikTok: the #shoechallenge case	Caliandro A., Bainotti L.	March, 27	12,00-13,00	Sala A
				2 TikTok and the Chinese Digital Form	Arvidsson A., Volpe C.			
				3 The Machine Habitus as Method. Researching Content without Context on Tiktok'	Luise V.			
				4 Dynamics of Viral Trends: A Comprehensive Analysis of Second-Hand and Vintage Content on TikTok	Mazza R., Marino M., Volpe C., Torre D.			
36	Specialized session	Sharing and reusing research data in the era of Social Data Science	Pisano C., Scisci D.	1 Tracking Archive's Data Reuse in the Social Sciences: An Investigation	Accordino F., Luzi D., Pecoraro F.	March, 27	12,00-13,00	Sala B
				2 Empowering Social Sciences: The Role of DASSI and FOSSR in Promoting Data Usage	Ciampi M., Saccone M, Sprocati M.			
				3 Role of the Social Science Data Archives in Dealing with Pandemic	Leontiyeva Y., Trtíková I., Vávra M.			
				4 Towards the creation of a comprehensive knowledge graph for enabling social science research	Giammei L., Mongiovi M., Zinilli A., Nuzzolese A. G.			
37	Specialized session	Data integration in Tourism Statistics: Challenges and Opportunities (1)	Antolini F.	1 Improving Policy and Tourism Planning with Smart Data Integration	Garau G., Onnis G., Colosimo A.	March, 27	15,00-16,00	Sala B
				2 Dissecting Coastal and Inland Tourism in Sardinia: A Study Based on Online Reviews and Geographic Dichotomy Through Natural Language Processing	Contu G., Dessi C., Massidda C., Ortu M.			
				3 From retrospective analysis to anticipation of tourism demand: a new scientific approach to destination management	Ciccarelli M., Giannetti F.I., Testa A.			
				4 Air transport and rate - setting algorithms	Tincani C.			
38	Specialized session	Transitioning toward a sustainable tourism: Data, sources, and policy indications	Corbisiero F., Monaco S.	1 The use of Big Data in the tourism sector	Aria M., Cataldo R., Grassia M.G.	March, 27	15,00-16,00	Aula Magna
				2 Demographic Dynamics in Tourism: Global Trend and Sustainable Future	Cisotto E.			
				3 Breaking down barriers to tourism for people with disabilities: The role of social capital	Agovino M., Marchesano K.			
				4 Geography and Tourism	Russo Krauss D., Ronza M.			

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39	Specialized session	Exploring Institutional Databases	Antonicelli M.	1	A Dirichlet-Mul.nomial mixture model for 30 years of scholarly papers in Statistics on ArXiv	Bilancia M.	March, 27	15,00 - 16,00	Sala A
				2	Relevance of SDGs indicators in sustainable tourism and demographic trends	Firza N., D'Uggetto A.M., Crocetta C.			
				3	Assessing Italian learning gaps with Invalsi data via small area estimation	Battagliese D., Intini M., Pollice A., Bergantino A.S.			
				4	Identification of perspective data from the European Social Survey (ESS) for the development of Smart Cities and Smart People	d'Ovidio F. D., d'Ovidio S. , Nannavecchi A.			
40	Specialized session	Unraveling Complexity: Causal Inference in Social Sciences	Silan M.	1	The Machine Learning Control Method for Counterfactual Forecasting	Cerqua A., Letta M., Menchetti F.	March, 27	17,30-18,30	Sala A
				2	A simulation study to compare MARMoT adjustment and Template Matching in a multiple treatment framework	Belloni P., Calore A., Silan M.			
				3	Combining a finite mixture approach with propensity score to measure the impact of social ties on older people's digitalization	Failli D., Arpino B.			
41	Specialized session	Data integration in Tourism Statistics: Challenges and Opportunities	Antolini F.(2)	1	Integration and predictive modeling of microdata in tourism	Antolini F., Cesarini S., Terraglia I.	March, 27	17,30-18,30	Aula Magna
				2	Impacts of cohesion funds on local tourism. Counterfactual analysis and Machine Learning approaches	Monturano G.			
				3	Analyzing the tourism behavior patterns in Sardinia. A Markov chain approach to investigate the movements of the tourist inside the Island	Contu G., Ortu M., Carta A., Frigau L..			
42	Specialized session	Statistical methods for student mobility	Balzano S.	1	Student commuting in Italy trajectories: a study on two provinces of the Centre-South areas	Casacchia O., Reynaud C., STROZZA S., Tucci E.	March, 27	17,30-18,30	Sala B
				2	The propensity of students to sustainable mobility	Balzano S., Demni H., Natale L., Pascucci E., Porzio G. C.			
				3	An index of the student mobility flow between Universities of different sizes.	Giordano G., Primerano I.			

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