FINAL PROGRAM DSSR 2019

4th of February 2019 - University of Milano-Bicocca

h 8:30-9:30	Registration				
Parallel Sessions 1					
Room	U6-01-A	U6-01-B	U6-01-F	U6-01-E	U6-01-C
Title	**Tourism**	**Advances in Data Analysis**	**Advance in Financial Econometrics**	**Contributed: Machine Learning**	**Contributed: Geography**
Chair	**Giovanni Tonini**	**Svitlana Galeshchuk**	**Claudio Morana**	**Andrea Marletta**	**Mauro Mussini**
h 9:30-10:30	Giovanni Tonini, Mariangela Zenga and Nadia Cominetti. *Destination branding and residents: an analysis of the Valtellina territory.*	Alessandra Canepa, Emilio Zanetti Chini and Huthaifa Alqaralleh. *Modelling housing market cycles in global cities.*	Richard Baillie. *How important is modeling long memory in realized volatility.*	Evgeniy Ozhegov and Alina Ozhegova. *Machine learning estimation of demand function for commuter rail transportation.*	Matilde Bini, Lucio Masserini and Alessandro Zeli. *Riskness of Italian firms in the post-crisis period: an outlook through financial ratios.*
	Ilaria Foroni and Annamaria Fiori. *Spatial localization of mobile phone users and tourism flows in Sardinian destinations' network.*	Giuseppe Pernagallo and Benedetto Torrisi. *An empirical analysis of the gaussianity of the financial returns in emerging economies.*	Menelaos Karanasos, Alexandros Paraskevopoulos and Alessandra Canepa. *A new and unified theory for time series models with ARMA representations and varying coefficients: one solution fits all.*	Evgeniy Ozhegov and Alina Ozhegova. *Regression tree model for prediction of demand with heterogeneity and censorship.*	Simone Righi, Margherita Russo, Francesco Pagliacci, Pasquale Pavone and Anna Giorgi. *Detecting multidimensional clustering across EU regions.*
	Antonino Mario Oliveri, Gabriella Polizzi, Anna Maria Parroco and Michele Gallo. *Measuring tourist satisfaction and dissatisfaction: adaption of the 4Q methodology to the case of web based data.*	Silvia Biffignandi and Elena Pisanelli. *Google Trends and Twitter: predictors or reactors? An application to bitcoin in market determinants.*	Matteo Pelagatti and Giacomo Sbrana. *Estimating high dimensional stochastic volatility models.*	Antonio Candelieri, Riccardo Perego and Ilaria Giordani. *Approximate dynamic programming for pumps scheduling optimization in urban water distribution systems.*	Fabrizio De Fausti, Roberta Radini, Luca Valentino and Tiziana Tuoto. *Quality aspects when using mobile phone data in official statistics.*
	Antonino Mario Oliveri and Gabriella Polizzi. *Promoting cruise ship as "tourist destination" on television: the case of Italy.*	Svitlana Galeshchuk. *Grassroots-vs- influencers classification in analysis of Twitter news diffusion.*	Claudio Morana. *Regularized semiparametric estimation of high dimensional dynamic conditional covariance matrices.*	Ida Camminatiello, Antonello D'Ambra and Luigi D'Ambra. *Analysis of two-way ordinal contingency tables for social research.*	
h 10:30-10:45	Coffee break				
h 10:45-11:30	**Plenary Session (room U6-01-F) Anatoly Zhigljavsky. *Subspace-based methods for analysing and forecasting of time series.***				

Parallel Sessions 2					
Room	U6-01-A	U6-01-B	U6-01-F	U6-01-E	U6-01-C
Title	Innovation in the Use of Geodata in Statistics	Health	Contributed: University I	The Sociotechnical Construction of (Big) Data	Hate Speech
Chair	Fabio Crescenzi	Adriano De Carli	Domingo Scisci	Biagio Aragona and Federico Neresini	Elisabetta Fersini
h 11.30-12:45	Davide Fardelli. *The base register of places: new perspective for territorial statistics.*	Carlotta Galeone and Paolo Mariani. *The challenges and the limits of the health open data in Italy.*	Paola Perchinunno and Massimo Bilancia. *Using machine learning to predict dropouts from higher education.*	Niccolò Tempini. *The reuse of digital computer data: transformation, recombination and generation of data mixes in big data science.*	Elisabetta Fersini and Paolo Rosso. *Automatic misogyny identification in online social media.*
	Stefano Mugnoli, Fabio Lipizzi, Antonella Esposto, Celina Tanganelli. *The dissemination of territorial data: from census enumeration areas to the micro zones.*	Paolo Mariani, Andrea Marletta, Marcella Mazzoleni and Mariangela Zenga. *The risk of inappropriateness in the Italian geriatric wards using national hospital discharge data.*	Luigi Fabbris and Manuela Scioni. *Pooling viewpoints to obtain a single evaluation. The ROI-MOB indicator of Erasmus+ mobility effects.*	Andrea Sciandra. *Social media big data: state of the art of some methodological challenges.*	Silvia Corchs, Elisabetta Fersini and Francesca Gasparini. *Detection of mutimedia sexist contents.*
	Damiano Abbatini. *National archives of streets and addresses (ANNCSU) and register of buildings: the quality control of geo-data.*	Ilaria Giordani, Gaia Arosio, Paolo Mariani, Ilaria Battiston, Antonio Candelieri and Francesco Archetti. *Machine learning approches for prescription patterns.*	Silvia Bacci, Bruno Bertaccini and Alessandra Petrucci. *Attractiveness of university degree programs: a social network analysis.*	Paolo Giardullo. *Practices dnd journeys: insights into environmental issues.*	Mara Maretti and Vanessa Russo. *Virtual rings and hate networks on Facebook.*
	Mauro Ferrante, Domingo Martin and Stefano De Cantis. *Participants' behaviour at special events: sampling procedures and gps technologies.*	Michelangelo Puliga, Milena Lopreite and Massimo Riccaboni. *The global health networks: a comparative analysis of tuberculosis, malaria and pneumonia using social media data.*		Barbara Saracino. *The dead do not count. The socio-technical costruction of data on death.*	Emiliano del Gobbo, Alice Tontodimamma, Lara Fontanella and Luigi Ippoliti. *Supervised and unsupervised hate speech detection.*
	Angela Maria Digrandi. *The BIG Data for the construction of quality indicators and the geodynamic representation of seafarers via the web.*	Fabio Sartori, Riccardo Melen, Matteo Lombardi and Davide Maggiotto. *Personalized treatment of chronic diseases: models, experiments and preliminary results.*		Judit Varga. *Geocaching – Boxing geosocial traces.*	Antonia Anna Ferrante and Stamatia Portanova. *Excitable tweets: social computing and online sexism.*
h 12:45-13:15	**Plenary Session (room U6-01-F): Enrica Amaturo. *Epistemology of the digital: revolution or evolution?***				
h 13:15-14.30	**Lunch**				

h 14:30-15:15	Plenary Session (room U6-01-F): Stefano Maria Iacus *Reconciling Big Data and official statistics: a subjective well-being application.*				
Parallel Sessions 3					
Room	U6-01-A	U6-01-B	U6-01-F	U6-01-E	U6-01-C
Title	**Smart Tourism**	**Educational Poverty and Digital Literacy**	**Contributed: University II**	**Contributed: Machine Learning**	**Contributed: Urban I**
Chair	**Enza Messina**	**Monica Pratesi**	**Lucio Masserini**	**Ilaria Giordani**	**Alessandra Michelangeli**
h 15:15-16:15	Annarita De Maio, Francesco Santoro and Antonio Violi. *A tourist tour planning for a smart system in Calabria.*	Luciana Quattrociocchi and Gabriella Grassia. *Digital natives but not yet digital citizens: how the digital gap affects the educational poverty of young people.*	Annalina Sarra, Eugenia Nissi and Lara Fontanella. *A comparison of machine learning techniques for university students dropout prediction.*	Alina Ozhegova and Evgeniy Ozhegov. *Segmentation of theatre audiences: a latent class approach for combined data.*	Riccardo Borgoni, Daniele Gualtieri and Alessandra Michelangeli. *Media bias and crime perception.*
	Daniele Ferone, Elisabetta Fersini and Enza Messina. *A personalized smart tourism recommender system based on social media data.*	Gaia Bertarelli, Caterina Giusti and Monica Pratesi. *Spatial distribution of multidimensional educational poverty using SAE.*	Pasquale Anselmi, Daiana Colledani, Luigi Fabbris and Egidio Robusto. *Cognitive, social and psychological predictors of the graduate's disposition to entrepreneurship.*	Antonio Candelieri, Riccardo Perego and Francesco Archetti. *Global optimization of a machine learning based forecasting pipeline.*	Stefano Cervellera, Carlo Cusatelli and Umberto Salisas. *From the traditional census to a permanent one, in the big data era.*
	Massimo Guarino, Maria Anna Di Palma, Antonino Mario Olivieri and Michele Gallo. *GLAM organizations' digital maturity indicator: a statistical approach for Campania museums.*	Vasiliki Voukelatou, Fosca Giannotti and Luca Pappalardo. *May GDELT be a resource for understanding social behaviours: lesson learned by a case study on global peace index?*	Angela Maria D'Uggento, Rosa Ceglie and Massimo Iaquinta. *360° University governance through big data.*	Gianna Monti, Laura Benedan and Manuel Mercandelli. *A supervised learning approach in the risk estimate of gambling in adolescents: a case study.*	Paolo Mariani, Andrea Marletta, Lucio Masserini and Mariangela Zenga. *Company requirements and monetary evaluation in the Italian healthcare industry.*
h 16.15-16.30	Coffee break				
h 16.30-17.15	Plenary Session (room U6-01-F): Dirk Hovy. *Text, external knowledge, and neural networks for new insights from big data.*				

Parallel Sessions 4					
Room	U6-01-A	U6-01-B	U6-01-F	U6-01-E	U6-01-C
Title	**Contributed: Urban II**	**Machine Learning & Inequality**	**Contributed: Migrants**	**Contributed: Social Media**	**Contributed: Security & Insurance**
Chair	**Riccardo Borgoni**	**Chiara Binelli**	**Sonia Stefanizzi and Biagio Aragona**	**Caterina Liberati**	**Matteo Pelagatti**
h 17:15-18:15	Stefania Bandini, Andrea Gorrini and Giuseppe Vizzari. *Walkability assessment of urban areas through social media data mining.*	Paolo Brunori and Guido Neidhofer. *The evolution of Inequality of opportunity in Germany: a machine learning approach.*	Venera Tomaselli, Mario Fordellone and Maurizio Vichi. *Measuring immigrants integration: simultaneous clustering and dimensionality reduction in Pls-Sem models.*	Silvia Biffignandi, Annamaria Bianchi and Camilla Salvatore. *Social media data for social indicators: assessing the quality through case studies.*	Antonio Frenda. *The main sources for the estimation of Italian social security.*
	Giancarlo Manzi, Silvia Salini and Cristiano Villa. *Predicting cycling usage for improving bike-sharing systems.*	Giorgio Di Maio and Paolo Landoni. *The balance of inequality: a rediscovery of the Gini's R concentration ratio and a new inequality decomposition by population subgroups based on a physical rationale.*	Alessandra Righi, Domenico Bianco and Mauro Gentile. *A daily sentiment index on immigration of Italian-speaking Twitter users.*	Andrea Marletta, Paolo Mariani and Erika Grammatica. *A missing value approach on Facebook big data: like, dislike or nothing?*	Bruno Giuseppe Sfogliarini. *Protect your business: a model of profiling small businesses and freelancers on ability to secure online.*
	Alessandra Michelangeli and Umut Turk. *The influence of cities on intergenerational social mobility.*	Chiara Binelli and Paul Matthew Loveless. *The role of parties and media for income inequality perceptions. Evidence from the United States and the United Kingdom.*	Sonia Stefanizzi and Giancarlo Manzi. *Blending small and big data for evaluating the immigration insecurity relationship.*	Alessandro Caliandro and Guido Anselmi. *Mapping brand publics' social imaginaries on Instagram: how to use big data for exploring consumer culture.*	Massimiliano Giacalone, Emilio Massa, Diego Carmine Sinitò and Vito Santarcangelo. *Block-Chain oriented system for the management of processes.*
			Ignazio Drudi, Fabrizio Alboni and Giorgio Tassinari. *Ubu roi. The rise of Italian populism through the analysis of social media content.*	Paola Zola, Laura Rocca, Davide Giacomini and Diego Paredi. *The "Sentability": sentiment analysis for social media's accountability. The case of environmental issues in Italian municipalities.*	
h 18:15-19:00	**Plenary Session (room U6-01-F): Luigi Fabbris. *Cognitive, non-cognitive and social resources as predictors of graduates' labour market outcomes.***				
h 19:00-20:30	**Social dinner**				
h 20:30-23:00	**Museum visit**				

5th of February 2019 - IULM University

h 8:30-9:30	Registration				
h 9:30-10:30	**Round Table 1: Are Database and narrative natural enemies yet?** **Speakers: Matteo Bittanti, Federico Capeci, Marco Cerri, Luca Morena, Nicola Torelli**				
h 10:30-10:45	**Coffee break**				
h 10.45-11:45	**Plenary Session: Carlo Lauro** *Data Science and Big Data: new trends*				
Parallel Sessions 5					
Room	112 in IULM 1	114 in IULM 1	115 in IULM 1	116 in IULM 1	117 in IULM 1
Title	**Statistics in Sport I**	**Learning analytics**	**Social Media & AI**	**Social Network**	**Contributed: Application in Text Mining**
Chair	**Stefania Mignani**	**Corrado Crocetta**	**Guido Di Fraia**	**Domenico De Stefano**	**Carlos G. Figuerola**
h 11.45-12:45	Leonardo Egidi and Nicola Torelli. *Comparing goal-based and result-based approach in modelling football outcomes.*	Angela Gallo. *Learning Analytics: Why It's Important To Measure Training.*	Marco Cerri. *Machine learning concerning data of TV series.*	Domenico De Stefano, Vittorio Fuccella, Maria Prosperina Vitale and Susanna Zaccarin. *Web-based data collection and quality issues in co-authorship network analysis.*	Carlos G. Figuerola and Modesto Escobar. *Digital news press mining through topic modeling, entity recognition and social networks analysis techniques.*
	Enrico Ciavolino, Maurizio Carpita and Paola Pasca. *Composite indicators of the Soccer Players' Performance Indices.*	Anna Dipace, Pierpaolo Limone, Tommaso Minerva. *Learning Analytics for Higher and Open Education.*	Alessandro Zonin. *Social network analysis and data visualization from social media data.*	Marialuisa Restaino and Maria Prosperina Vitale. *Analysing patterns and dynamics of the international student mobility networks in higher education. A comparative empirical study on European countries.*	Pietro Belloni, Giovanna Boccuzzo, Bruno Scarpa and Manuel Zorzi. *Extraction of cancer information from pathology clinical records using text mining.*
	Riccardo Ievoli, Lucio Palazzo and Giancarlo Ragozini. *Passing Networks and Game Style in Football Teams: Evidences from European Champions League.*	Roberto Ricci. *Learning Analytics: INVALSI Experience.*	Daniele Marconetto and Jacob Zucchi. *Artificial Intelligence algorithms for digital marketing.*	Giuseppe Giordano, Paolo Diana, Maria Carmela Catone and Pierluigi Vitale. *Mapping New Topics and Recent Trends in Research Methodology.*	Benedetto Torrisi, Giuseppe Pernagallo and Davide Bennato. *A classification algorithm to recognize fake news websites.*
		Corrado Crocetta and Giuseppe Pirlo. *Standardization of Test Results.*	Sebastiano Battiato. *Automatic scene clustering and tracking in videos and images from multiple sources.*		Danilo Ajovalasit, Veronica Dorgali, Angelo Mazza, Alberto D'onofrio and Piero Manfredi. *Investigating vaccine sentiment in Italy over a period of ambigous immunization policy.*
			Elisabetta Risi. *Emotionographies of the city of Milan.*		Paola Zola and Silvia Golia. *Part of Speech Tagging for blog and microblogs data.*
h 12.45-14.00	Lunch				

Parallel Sessions 6					
Room	112 in IULM 1	114 in IULM 1	115 in IULM 1	116 in IULM 1	117 in IULM 1
Title	**Statistics in Sport II**	**Text Mining**	**Social Network for Big Data**	**Contributed: Data Driven**	**Contributed: Methods I**
Chair	**Nicola Torelli**	**Gabriella Grassia**	**Emma Zavarrone**	**Venera Tomaselli**	**Rosario D'Agata**
h 14:00-15:00	Furio Camillo and Stefano Sforza. *Big data and small data for football: how to integrate the interpretative aspect in modern game monitoring systems.*	Rosanna Cataldo, Maria Gabriella Grassia, Marina Marino and Viktoriia Voitsekhovska. *Different sources of data for the Sustainability.*	Ruggero Sainaghi and Rodolfo Baggio.*The effects generated by the Milan World Expo.*	Andrea Sciandra, Livio Finos and Alessio Surian. *Classification supervised models to disclose action and information in "U.N. 2030 AGENDA" social media data.*	Ilaria Lucrezia Amerise. *Multidimensional scaling applied to data on migraine treatment.*
	Silvia Golia and Maurizio Carpita. *On the improvement of soccer match result predictions.*	Francesco Marrazzo and Gabriella Punziano. *Social Media Disasters. Big data issues in public communication field.*	Srebrenka Letina. *The investigation of ego-network metrics based on an online social network data.*	Venera Tomaselli and Giulio Giacomo Cantone. *A preference index design for Big Data.*	Rosario D'Agata, Simona Gozzo and Anna Maglia. *Bayesan networks to discover similarities among subsets. Comparing European countries.*
	Francesco Lisi and Matteo Grigoletto. *Modeling and simulating durations of a professional tennis match.*	Massimo Aria, Michelangelo Misuraca and Maria Spano. *Science mapping via dybamic topic modelling: an analysis on 30 years of social indicators and research.*	Tong Wang. *Activating the Network: How to be popular in the Open-Source Community.*	Nicoletta Cibella, Antonella Bernardini and Gerardo Gallo. *Empirical evidence for population counting: the combined use of administrative sources and survey data.*	Ilaria Giordani, Attilio Redivo, Antonio Candelieri, Bruno Galuzzi and Francesco Archetti. *Modelling human preferences by Bayesian optimization.*
			Ilaria Primerano, Giuseppe Giordano and Pierluigi Vitale. *Exploring paths through placetellers performativity on Instagram.*	Rodolfo Metulini and Maurizio Carpita. *Human activity spatio-temporal indicators using mobile phone data.*	
h 15.00-16.00	**Plenary Session (Room Sala dei 146, IULM 6 Open Space): Paolo Ciuccarelli *Data Visualization*.**				
h 16.00-16.30	**Coffee break**				

Parallel Sessions 7					
Room	112 in IULM 1	114 in IULM 1	115 in IULM 1	116 in IULM 1	117 in IULM 1
Title	**Statistics in Sport III**	**Text Mining II**	**Smart working in the age of Industry 4.0**	**Data-driven communication**	**Contributed: Methods II**
Chair	**Maurizio Carpita**	**Michelangelo Misuraca**	**Rosantonietta Scramaglia and Angela Locoro**	**Stefania Romenti**	**Giovanna Boccuzzo**
h 16:30-17:30	Laura Anderlucci, Alessandro Lubisco and Stefania Mignani. *Investigating the judges' performance in a national competition of sport dance.*	Rosanna Cataldo, Maria Gabriella Grassia, Marina Marino, Rocco Mazza and Vincenzo Pastena. *Divorce in Italy: a textual analysis of cassation judgments.*	Aurelio Ravarini. *"Working SMART" in a digital context: from digital technology to digital competences.*	Ilaria Mariani, Alan D.A. Mattiassi and Emma Zavarrone. *Gaming Analytics through Players (GAP). Profiling Italian Players.*	Georg Mueller. *Virtual encounter-simulations: A new methodology for generating conflict data.*
	Marica Manisera, Rodolfo Metulini, Marco Sandri and Paola Zuccolotto. *Basketball spatial performance indicators.*	Furio Camillo. *Statistical lookalike using emotions in a marketing automation frame.*	Andrea Stanchi. *AI, Big Data, Smart Objects and Monitoring at Work.*	Vincenzo Russo, Margherita Zito, Giorgio Gabrielli and Alessandro Fici. *Simposio: the use of small data in the emotional detection: applications from neuromarketing and neuromanagement.*	Margherita Silan, Giovanna Boccuzzo and Bruno Arpino. *Matching on Poset based Average Rank for Multiple Treatments (MARMoT).*
	Livio Corain and Luigi Salmaso. *Modelling and testing on multivariate longitudinal data for nested design with application to player-by-player basketball analytics.*	Alessandro Caliandro and Guido Anselmi. *Mapping brand publics' social imaginaries on Instagram: how to use Big Data for exploring consumer.*	Ariela Mortara. *Smart work as an employee welfare practice: an explorative research project.*	Mario Bolzan and Marco Marozzi. A Global Rank of the Delphi survey items on the future scenarios of the Family.	Pietro Amenta, Antonio Lucadamo and Gabriella Marcarelli. *Transitivity thresholds for Salo-Hmalainen index when the number of alternatives is greater than three.*
			Vincenzo Russo, Margherita Zito & Giorgio Gabrielli. *Human Resources in Neuromanagement: an added value to job assessment.*		Simone Di Zio, Lara Fontanella, Sara Fontanella and Luigi Ippoliti. *Dimensionality reduction techniques on the simplex for text mining.*
h 17:30-18:30	**Round Table 2: BINK Scientist: glass ceiling or empowerment?** **Speakers: Emma Zavarrone, Paola Inverardi, Francesca Zajczyk, Elisa Di Lorenzo, Silvia Pettinicchio, Fabrizia Malgieri, Barbara Farcomel, Fiona Guiducci**				