

Eighth Italian Congress of Econometrics and Empirical Economics

of the Italian Society of Econometrics (SIDE)

*locally organized by the Department of Economic Sciences of the
University of Salento*

Useful Information

The Congress will take place in the city campus of University of Salento, Studium 2000, Building 6, angolo V.le San Nicola, Via di Valesio, Lecce.

Registration/Help Desk:

ICEEE staff will be available in Studium 2000, Building 6, starting from Thursday 24th of January, at 12:00.

Coffee breaks and lunches:

are included in the fee and they will be served in Studium 2000, Building 6, according to the program.

Social events:

- **Welcome Reception with Wine testing**

is included in the fee and it will take place on Thursday 24th of January from 18:00 to 21:00 at “Monastero degli Olivetani” (Viale San Nicola, Lecce) with guided tour to “Monastero degli Olivetani” - with documentary projection - and Church of Saints Niccolò and Cataldo.

- **Social Dinner**

will take place at “Torre del Parco” <https://www.torredelparco.com> (Viale Torre del Parco, 1, Lecce) on Friday 25th of January, 20:30. A contribution of 40 euro is required. You can pay in advance by selecting the option "with conference dinner" in the conference registration fees payment procedure, or by cash only at the registration desk.

Wireless Internet Connection:

is available across the Conference location, enabling participants to use their own laptops to connect to the Internet.

Presentation instructions:

the rooms are equipped with a PC and a computer projector. Presenters must provide to the session chair the file for the presentation in PDF or PPT format on a USB memory stick, 10 minutes before each session. Papers should be presented in the order they are listed in the program from the convenience of attendees who may want to go to other rooms mid-sessions to hear particular papers. **The last presenter in the session will act as session chair.**

Invited speakers:

Prof. Paola Giuliano (UCLA)
Prof. Giorgio Primiceri (Northwestern University)
Prof. Anders Rahbek (University of Copenhagen)

Program Committee:

Enrico Rettore (University of Trento – Chair), Erich Battistin (University of Maryland), Monica Billio (Ca' Foscari University of Venice), Fabio Buseti (Bank of Italy), Giuseppe Cavaliere (University of Bologna), Valentina Corradi (University of Surrey), Valentino Dardanoni (University of Palermo), Maria De Paola (University of Calabria), Luca Fanelli (University of Bologna), Gabriele Fiorentini (University of Florence), Lorenzo Forni (University of Padova), Margherita Fort (University of Bologna), Corrado Giuliatti (University of Southampton), Tullio Jappelli (University of Naples "Federico II"), Raffaele Miniaci (University of Brescia), Chiara Monfardini (University of Bologna), Paolo Paruolo (European Commission Joint Research Center), Franco Peracchi (University of Rome "Tor Vergata"), Paolo Pinotti (Bocconi University), Eduardo Rossi (University of Pavia), Alessandro Sembenelli (University of Turin), Léopold Simar (Université Catholique de Louvain), Marco Tonin (University of Bozen), Guglielmo Weber (University of Padova), Paolo Zaffaroni (Imperial College London & University of Rome "Sapienza")

Local organizing Committee:

Camilla Mastromarco (University of Salento – Chair), Fabrizio Durante, Giada Andrea Prete and Pierluigi Toma (University of Salento)

Program Overview

| | Thursday, January 24th | Friday, January 25th | Saturday, January 26th |
|---------------|------------------------|--------------------------|--|
| 8:50 - 10:30 | | Parallel Sessions | Plenary Session, Carlo Giannini and Labor Prizes |
| 10:30 - 11:00 | | Coffee Break | Coffee Break |
| 11:00 - 12:00 | | | Parallel Sessions |
| 12:00 - 12:40 | | Keynote Speakers Session | |
| 12:40 - 13:00 | Registration | | |
| 13:00 - 13:30 | | | |
| 13:30 - 14:00 | Opening | Lunch | |
| 14:00 - 14:30 | Parallel Sessions | | |
| 14:30 - 15:40 | | | |
| 15:40 - 16:00 | Coffee Break | Parallel Sessions | |
| 16:00 - 16:10 | | | |
| 16:10 - 16:40 | Parallel Sessions | Coffee Break | |
| 16:40 - 17:40 | | | |
| 17:40 - 18:00 | | Parallel Sessions | |
| 18:00 - 18:20 | | | |
| 18:20 - 20:00 | Welcome Party | | |
| 20:00 - 20:30 | | | |
| 20:30 - 21:00 | | Social Dinner | |
| | | | |

Program

Thursday, January 24th

12:00-13:30 **Registration**

13:30-14:00 **Welcome address**

Vincenzo Zara – *Rector of University of Salento*

Alessandra Chirco – *Head of Department of Economic Sciences*

Enrico Rettore – *Chair of the Program Committee*

Giuseppe Cavaliere – *President of Italian Society of Econometrics*

LOCATION: Room 7

14:00-15:40 **Session 1: TS 1 – Non-causality, breaks and smooth transition models**

LOCATION: Room 7

14:00 Monica Billio, Roberto Casarin and Matteo Iacopini. *Bayesian Markov Switching Tensor Regression for Time-varying Networks*

14:25 Andrea Bucci, Giulio Palomba and Eduardo Rossi. *Predicting conditional covariance matrix: a Vector Logistic Smooth Transition Model*

14:50 Stefano Grassi, Leopoldo Catania and Francesco Ravazzolo. *Forecasting Cryptocurrencies Under Model and Parameter Instability*

15:15 Alain Hecq and Thomas Goetz. *Granger causality testing in mixed-frequency VARs with possibly (co)integrated processes*

14:00 -15:40 **Session 2: TS 2 – Volatility**

LOCATION: Room 3

14:00 Gabriele Fiorentini and Enrique Sentana. *New testing approaches for mean-variance predictability*

14:25 Giorgio Calzolari and Roxana Halbleib. *Modelling dynamic covariance matrices with stochastic volatility latent factors: filter, likelihood, forecast*

14:50 Jean-Michel Zakoian and Christian Francq. *Virtual Historical Simulation for estimating the conditional VaR of large portfolios*

15:15 Leopoldo Catania, Eduardo Rossi and Paolo Santucci de Magistris. *Modelling high-frequency trading volume*

14:00-15:40 Session 3: Micro 1 – Sample selection and treatment effects

LOCATION: Room 2

14:00 Tiziano Arduini, Eleonora Patacchini and Edoardo Rainone. *Treatment Effects with Heterogeneous Externalities*

14:25 Yoichi Arai, Yu-Chin Hsu, Toru Kitagawa, Ismael Mourifie and Yuanyuan Wan. *Testing Identifying Assumptions in Fuzzy Regression Discontinuity Designs*

14:50 Valentina Corradi, Wiji Arulampalam and Daniel Gutknecht. *Intercept Estimation in Nonlinear Sample Selection Models*

15:15 Santiago Pereda Fernández. *Identification and Estimation of Triangular Models with a Binary Treatment*

14:00-15:40 Session 4: Macro 1 – Macroeconomic policies

LOCATION: Room 5

14:00 Francesca Di Iorio and Stefano Fachin. *Trends, random walks and non linearities: fiscal reaction functions for the advanced economies revisited*

14:25 Roberto Golinelli, Irene Mammi and Antonio Musolesi. *Parameter heterogeneity, persistence and cross-sectional dependence: new insights on fiscal policy reaction functions for the Euro area*

14:50 Alessandra Amendola, Marinella Boccia, Gianluca Mele and Luca Sensini. *Fiscal Policies and Firms' Performance: Evidence in Dominican Republic*

15:15 Graziano Moramarco. *Measuring Global Macroeconomic Uncertainty*

14:00-15:40 Session 5: Household Economics 1

LOCATION: Room 4

14:00 Toshiaki Aizawa. *Joint Impact of the Conditional Cash Transfer on Child Nutritional Status and Household Expenditure in Indonesia*

14:25 Guerino Ardizzi, Simone Emiliozzi, Juri Marcucci and Libero Monteforte. *News and Consumer Card Payments*

14:50 Julio Galvez. *Household portfolio choices and nonlinear income risk*

15:15 Domenico Sartore and Fausto Corradin. *Weak Dependence of CRRA on Standard Deviation in the Case of Truncated Normal Distribution of Returns*

14:00-15:40 Session 6: Market efficiency

LOCATION: Room 6

14:00 Giovanni Angelini and Luca De Angelis. *Efficiency of online football betting markets*

14:25 Lorien Sabatino. *Measuring the Effects of Competition in Proprietary Aftermarket: A Counterfactual Analysis from the Italian Toothbrush Market*

14:50 Giacomo de Giorgi. *Bribes vs. Taxes: Market Structure and Incentives*

15:15 Paolo Giudici and Paolo Pagnottoni. *Vector Error Correction models to measure connectedness of bitcoin exchange markets*

16.00-17.40 Session 7: TS 3 – Time series modelling

LOCATION: Room 3

16:00 Umberto Cherubini, Fabio Gobbi and Sabrina Mulinacci. *Convolution Autoregressive Processes and Non Rational Expectations*

16:25 Lorenzo Trapani. *Testing for strict stationarity in a random coefficient autoregressive model*

16:50 Anton Skrobotov. *Likelihood Ratio Test for Change in Persistence*

17:15 Leopoldo Catania, Roberto Di Mari and Paolo Santucci de Magistris. *A Multivariate Dynamic Mixture Model for Discrete Price Changes at High Frequency*

16.00-17.40 Session 8: TS 4 – Common factors

LOCATION: Room 2

16:00 Laura Serlenga, George Kapetanios and Yongcheol Shin. *Estimation and Inference for Multi-dimensional Heterogeneous Panel Datasets with Hierarchical Multi-factor Error Structure*

16:25 Federico Carlini and Patrick Gagliardini. *Vector Autoregressive Model with Common Factors*

16:50 Domenico Sartore, Roberto Casarin, Fausto Corradin and Francesco Ravazzolo. *A scoring rule for factor and autoregressive models under misspecification*

17:15 Tommaso Proietti. *Predictability, Real Time Estimation, and the Formulation of Unobserved Components Models*

16.00-17.40 Session 9: Micro 2 – Topics in Econometric Theory 1

LOCATION: Room 4

16:00 Daniel Gutknecht and Valentina Corradi. *Testing for Quantile Sample Selection*

16:25 Andreea Enache and Jean-Pierre Florens. *Quantile Analysis of "Hazard-Rate" Game Models*

16:50 Federico Crudu, Giovanni Mellace and Szolt Sandor. *Inference in instrumental variables models with heteroskedasticity and many instruments*

16.00-17.40 Session 10: Macro 2 - Monetary Policy

LOCATION: ROOM 7

16:00 Marek Jarocinski and Peter Karadi. *Deconstructing Monetary Policy Surprises - The Role of Information Shocks*

16:25 Barbara Rossi and Atsushi Inoue. *The Effects of Conventional and Unconventional Monetary Policy on Exchange Rates*

16:50 Pietro Grandi. *Sovereign risk and cross-country heterogeneity in the transmission of monetary policy to bank lending in the euro area*

17:15 Garo Garabedian. *The Macroeconomic Impact of the ECB's Unconventional Monetary Policy Measures*

16.00-17.40 Session 11: Health

LOCATION: Room 5

16:00 Julia Mink, Olivier Allais and Pascal Leroy. *Changes in diet and nutrient intake at retirement in France*

16:25 Domenico Depalo. *Explaining the relation between adherence to medication and cholesterol through the marginal patient*

16:50 Elena Cottini, Simona Comi and Claudio Lucifora. *The effect of retirement on social relationships: new evidence from SHARE*

17:15 Ylenia Brilli, Claudio Lucifora, Marco Tonello and Antonio Russo. *Why don't you take a free shot? Free access to flu vaccination and its effects on take-up probability and health*

Friday, January 25th

08.50-10.30 Session 12: TS 5 – Cointegration

LOCATION: Room 7

08:50 Massimo Franchi and Paolo Paruolo. *Cointegration in functional autoregressive processes*

09:15 Oliver Stypka, Martin Wagner, Peter Grabarczyk and Rafael Kawka. *The Asymptotic Validity of "Standard" Fully Modified OLS Estimation and Inference in Cointegrating Polynomial Regressions*

09:40 Peter Boswijk, Giuseppe Cavaliere, Luca De Angelis and Robert Taylor. *Adaptive information-based methods for determining the co-integration rank in heteroskedastic VAR models*

10:05 Søren Johansen. *Cointegration and adjustment in the infinite order CVAR representation of some partially observed CVAR(1) models*

08.50-10.30 Session 13: Micro 3 – Distributions: inference

LOCATION: Room 2

08:50 Jean-Pierre Florens, Leopold Simar and Ingrid Van Keilegom. *Estimation of the Boundary of a Variable observed with Symmetric Error*

09:15 Alessandro Rossi and Christohe Planas. *The slice sampler and centrally symmetric distributions*

09:40 Rustam Ibragimov, Jihyun Kim and Anton Skrobotov. *New robust inference for predictive regressions*

08.50-10.30 Session 14: Macro 3 - Uncertainty and the business cycle

LOCATION: Room 3

08:50 Giovanni Caggiano, Efrem Castelnuovo and Giovanni Pellegrino. *Uncertainty-Driven Comovements in Booms and Busts: A Structural Interpretation*

09:15 Maddalena Cavicchioli, Catherine Kyrtsov and Christina Mikropoulou. *New evidence on the synchronisation between the US business and financial cycles*

09:40 Gianluca Cubadda, Alain Hecq and Sean Telg. *Detecting Co-Movements in Noncausal Time Series*

08.50-10.30 Session 15: Education and Labor

LOCATION: Room 4

08:50 Ainhoa Aparicio Fenoll, Nadia Campaniello and Ignacio Monzon. *Parental Love Is Not Blind: Identifying Selection into Early School Start*

09:15 Diana Chise, Margherita Fort and Chiara Monfardini. *Scientifico! like Dad. On the Intergenerational Transmission of STEM Education in Italy*

09:40 Stefan Seifert and Marica Valente. *The Arab Spring migrant wave and illegal employment on vineyards: Counting the uncountable*

08.50-10.30 Session 16: Household Economics 2

LOCATION: Room 5

08:50 Francesco Caloia, Giacomo Pasini and Mauro Mastrogiacomo. *Being in Good Hands: Deposit Insurance and Peers Financial Sophistication*

09:15 Alessandro Bucciol, Raffaele Miniaci and Sergio Pastorello. *Financial Risk Aversion and Time Horizon of Long-Term Investors*

09:40 Giulia Bettin, Claudia Pigini and Alberto Zazzaro. *Financial inclusion and poverty transitions in Italy*

11.00-13.00 Keynote speakers session

LOCATION: Room 7

Giorgio Primiceri (Northwestern). *Economic Predictions with Big Data: The Illusion of Sparsity*

Paola Giuliano (UCLA). *Immigration in Schools: Foreign-born students and the performance of natives*

14.30-16.10 Session 17: TS 6 – VAR models

LOCATION: Room 2

14:30. Giovanni Angelini and Luca Fanelli. *Identification and estimation issues in Structural Vector Autoregressions with external instruments*

14:55 Michele Piffer and Martin Bruns. *Bayesian Structural VAR models: a new approach for prior beliefs on impulse responses*

15:20 Giovanni Angelini, Emanuele Bacchiocchi, Giovanni Caggiano and Luca Fanelli. *Uncertainty Across Volatility Regimes*

15:45 Monica Billio, Roberto Casarin, Matteo Iacopini and Sylvia Kaufmann. *Bayesian Dynamic Tensor Regression*

14:30-16:10 Session 18: Micro 4 – Topics in econometric theory 2

LOCATION: Room 7

14:30 Alois Kneip, Leopold Simar and Paul W. Wilson. *Inference in Dynamic, Nonparametric Models of Production: Central Limit Theorems for Malmquist Indices*

14:55 Dante Amengual, Enrique Sentana and Zhanyuan Tian. *Gaussian rank correlation and regression*

15:20 Fabio Calonaci, Richard Baillie and George Kapetanios. *Hierarchical Time Varying Estimation of a Multi Factor Asset Pricing Model*

14:30-16:10 Session 19: Macro 4 – Inflation and prices

LOCATION: Room 3

14:30 Cristina Angelico, Juri Marcucci, Marcello Miccoli and Filippo Quarta. *Can We Measure Inflation Expectations Using Twitter?*

14:55 Matteo Ciccarelli, Elena Bobeica and Isabel Vansteenkiste. *The link between labor cost and price inflation in the euro area*

15:20 Boris Blagov. *Exchange rate uncertainty and import prices in the euro area*

14:30-16:10 Session 20: Labor

LOCATION: Room 4

14:30 Francesca Carta and Marta De Philippis. *The Effect of a Longer Working Horizon on Individual and Family Labour Supply*

14:55 Bernardo Fanfani. *The Employment Effects of Collective Bargaining in Italy*

15:20 Audrey Etienne. *Analysis of French Labour-Managed Firms in Good and Bad Times*

15:45 Lia Pacelli, Chiara Ardito and Fabio Berton. *Employment protection legislation and hiring incentives: a tale of two reforms*

16.40-18.20 Session 21: TS 7 – Forecasting

LOCATION: Room 7

16:40 Laura Coroneo and Fabrizio Iacone. *Comparing predictive accuracy in small samples using fixed-smoothing asymptotics*

17:05 João Victor Issler. *Microfounded Forecasting*

17:30 Gergely Ganics, Barbara Rossi and Tatevik Sekhposyan. *From fixed-event to fixed-horizon density forecasts: professional forecasters' view on multi-horizon uncertainty*

17:55 Camilla Mastromarco, Léopold Simar and Valentin Zelenyuk. *Predicting Recessions in Italy: A Nonparametric Discrete Choice Models for Time Series*

16:40-18:20 Session 22: Micro 5 – High dimensional econometrics

LOCATION: Room 2

16:40 Victoria Zinde-Walsh and John Galbraith. *Simple and reliable estimators of coefficients of interest in a model with many potential confounding effects*

17:05 Federico Crudu. *Errors-in-Variables Models with Many Proxies*

17:30 Riccardo D'Adamo. *Cluster-robust Standard Errors for Linear Regression Models with Many Controls*

17:55 Paolo Andreini and Donato Ceci. *A Horse Race in High Dimensional Space*

16:40 -18:20 Session 23: Macro 5 - Energy

LOCATION: Room 6

16:40 Fabrizio Durante, Angelica Gianfreda, Francesco Ravazzolo and Luca Rossini. *Does Electricity Price depend on Renewable Energy? A Forecasting analysis in Germany*

17:05 Alessandro Mistretta and Ivan Faiella. *Energy costs and competitiveness in Europe*

17:30 Paolo Bertoldi and Rocco Mosconi. *The impact of energy efficiency policies on energy consumption in the EU Member States: a new approach based on Energy Policy indicators*

16:40-18:20 Session 24: Macro 6 - Systemic risk

LOCATION: Room 5

16:40 Giovanni Covi, Mehmet Ziya Gorpe and Christoffer Kok. *CoMap: Mapping Contagion in the Euro Area Banking Sector*

17:05 Giuseppe Cappelletti, Aurea Ponte Marques and Paolo Varraso. *Impact of higher capital buffers on bank's lending: Evidence from the Euro Area experiments*

17:30 Francesca Lenoci. *Depositor discipline and LOLR facilities*

17:55 Angela Maddaloni. *Negative Monetary Policy Rates and Systemic Banks' Risk-Taking: Evidence from the Euro Area Administrative Securities Register*

16:40-18:20 Session 25: Applied Micro 1

LOCATION: Room 4

16:40 Leonardo Maria Giuffrida and Gabriele Rovigatti. *Can the Private Sector Ensure the Public Interest? Evidence from Federal Procurement*

17:05 Salvatore Di Novo. *Public Procurement Demand, Heterogeneous Authorities and Productivity Outcomes*

17:30 Gabriele Angori and David Aristei. *A panel data analysis of firms' access to credit in the Euro Area: endogenous selection, individual heterogeneity and time persistence*

17:55 Nicola Branzoli and Antonella Caiumi. *How effective is an incremental ACE in addressing the debt bias? Evidence from corporate tax returns*

16:40-18:20 Special session with Chiara Osbat (BCE)

LOCATION: Room 3

“Employment opportunities at the European Central Bank”

“Working at the ECB as female economist”.

Saturday, January 26th

8.50-10.30 Plenary session and Award ceremony of Carlo Giannini and Labor prizes

LOCATION: Room 7

“Econometric Theory” Lecture – Anders Rahbek (University of Copenhagen): *Challenges for the bootstrap in time series models*

11.00-12.40 Session 26: Labor 2

LOCATION: Room 5

11:00 Chiara Ardito, Roberto Leombruni, David Blane and Angelo d'Errico. *To work or not to work? The effect of higher pension age on cardiovascular health*

11:25 Sumaiya Rahman, Jo Blanden and Stephen J. Machin. *Falling Absolute Intergenerational Mobility*

11:50 Matthias Mertens. *Micro Mechanisms Behind Declining Labor Share*

12:15 Adele Grompone, Emanuele Ciani and Elisabetta Olivieri. *Long-Term unemployment and subsidies for permanent employment*

11.00-12.40 Session 27: Applied Micro 2

LOCATION: Room 4

11:00 Canh Dang. *Does transparency come at the cost of charitable services? Evidence from investigating British charities.*

11:25 Lucia Rizzica, Litterio Mirenda and Sauro Mocetti. *The real effect of 'Ndrangheta: firm-level evidence*

11:50 Francois Cohen and Fidel Gonzalez. *Understanding Interpersonal Violence: the Impact of Temperatures in Mexico*

11.00-12.40 Session 28: Macro 7 - Macroeconometric modelling

LOCATION: Room 6

11:00 Alberto Caruso and Laura Coroneo. *Predicting interest rates in real-time*

11:25 Fabio Busetti and Michele Caivano. *Low frequency drivers of the real interest rate: empirical evidence for advanced economies*

11:50 Marina Töpfer and Tim Kovalenko. *Macro Indicators and the Gender Pay Gap*

12:15 Andrea Cipollini and Fabio Parla. *Housing Market Shocks in Italy: a GVAR approach*

11.00-12.40 Session 29: Financial econometrics

LOCATION: Room 7

11:00 Walter Distaso, Nancy Zambon and Massimiliano Caporin. *Expected Jumps and the Cross-Section of Equity Returns*

11:25 Massimiliano Caporin and Francesco Poli. *News and Intraday Jumps: a Big Data Approach*

11:50 Fabrizio Cipollini, Giampiero M. Gallo and Alessandro Palandri. *Dynamic Conditional Weights for Optimal Portfolio Allocation*

11.00-12.40 Session 30: Empirical IO

LOCATION: Room 2

11:00 Simona Gamba, Laura Magazzini and Paolo Pertile. *R&D and market size: equity and efficiency of Orphan Regulation*

11:25 Caudio Deiana, Ludovica Giua and Roberto Nistico. *The Economics Behind the Epidemic: Afghan Opium Price and Prescription Opioids in the US*

11:50 Pierluigi Toma. *Size and Productivity: a conditional efficiency approach for the Italian pharmaceutical sector*

12:15 Cinzia Daraio, Leopold Simar and Paul W. Wilson. *Quality and its Impact on Productivity*