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Events for SIde members

SIde Summer Schools 2018

Applications to the Summer School are now open, deadline May 31. More information available at: www.side-iea.it/events/summer-schools.

Text Analysis and Sentiment Analysis with Applications to Finance

Perugia, July 16-20

Lecturers: Wolfgang Härdle (University of Berlin); Cathy Yi-Hsuan Chen (University of Berlin).

Coordinator: Juri Marcucci, Bank of Italy.

- Since information mostly exists in language data, the Text Analysis and Sentiment Analysis (TASA) course presents tools and concepts for text data with a strong focus on modeling the econometric effects of language or more specific sentiment. It presents the decision analytics in a way that is understandable for non-mathematicians and practitioners who are confronted with day to day number crunching statistical textual analysis. This course details the development of textual analysis and sentiment projection, and compare the pros and cons of them. The TASA course endows the practitioner with ready to use practical tools for these purposes and applications.

Recent Developments in Financial Econometrics

Perugia, July 23-27

Lecturers: Andrew Patton (Duke University); Kevin Sheppard (Oxford University).

Coordinator: Juri Marcucci, Bank of Italy.

- The financial crisis of 2008 and the aftershocks during the first half of this decade demonstrated how rapidly financial risks can shift. Modern risk management requires new tools to better capture these changes. This course covers the modern tools of volatility measurement and modeling. One of the major changes in volatility modeling has been to make use of tick data – trade-by-trade prices or quotes – to measure volatility, covariance, correlation, and beta. These improved measures have produced substantial gains in the modeling and forecasting of financial risks. The course provides a detailed look at these measures and places them in context with more traditional models which make use of daily data. After setting the stage in the univariate or bivariate measurement of volatility, the course will also extend these methods to large portfolios of assets. The course will provide opportunities to be hands-on with high-frequency data and models.

SIde WEEE 2018

Applications are now open to the 6th edition of the Workshop for PhD students in Econometrics and Empirical Economics (WEEE), deadline: May 21.

For more information, please visit <http://www.side-iea.it/events/workshops>

Workshop for PhD students in Econometrics and Empirical Economics

Perugia, August 23-24

The Italian Econometric Association (SIde-IEA), in collaboration with the Bank of Italy, organizes the 6th Workshop for PhD students in Econometrics and Empirical Economics (WEEE). The aim of the workshop is

twofold: first, we want to give junior researchers an opportunity to present their research project and receive feedback from senior reviewers and from the audience of the workshop. Second, we want to provide a natural prosecution to the introductory and advanced courses in econometrics for PhD students organized by the Side-IEA and enlarge the already rich community of junior and senior researchers in econometrics and empirical economic and business disciplines.

Doctoral students and young researchers are invited to submit preliminary, medium or advanced stage papers that can mature into a chapter of the final dissertation and/or submitted for publication on international journals. A wide range of topics on econometrics and empirical economics can be submitted for presentation at the workshop. Contributions in business disciplines and applied marketing are also warmly encouraged for submission.

Side PhD Courses 2018

The 2018 edition of the Side Postgraduate Courses has been approved. Applications are now open, deadline April 30th. For more information, please visit www.side-iea.it/events/postgraduate-courses.

Introductory Econometrics

Bertinoro (FC), July 2-7

Lecturers: Francesca Di Iorio, University of Napoli Federico II; Marco Lippi, Einaudi Institute for Economics and Finance, Roma; Giulio Palomba, Università Politecnica delle Marche; Umberto Triacca, University of L'Aquila.

Coordinator: Giorgio Calzolari, University of Firenze.

- The course aims at providing students with the basic concepts related to linear regression model, seemingly unrelated regressions, simultaneous equations, and maximum likelihood. Instrumental variables estimation, as well as limited-information methods will be taken into account. Practical applications will be discussed using the free software package Gretl.

Panel Data Econometrics: Theory and Applications

Bertinoro (FC), July 9-14

Lecturers: Maria Elena Bontempi, University of Bologna; Roberto Golinelli, University of Bologna; Irene Mammi, University of Venezia Ca' Foscari.

Coordinator: Maria Elena Bontempi University of Bologna.

- The course provides an overview, both methodological and applied, of econometric models for panel data, discussing the fields of micro panel data (in which a large number of units, N , is observed over a short time period, T) and macro panel data (where T is larger than N). At each step of the course, the methodologies will be accompanied by hands-on empirical applications with an econometric software. At the end of the course, participants will be able to critically evaluate the empirical literature based on panel data, and to model and estimate their own issue of interest, according to the problems at hand: static versus dynamic approaches, heterogeneity and clustering, exogeneity versus endogeneity of covariates, GMM, unit roots and long/short run relationships.

Advanced Bayesian Econometrics: Bayesian Multivariate Models and Forecasting in Economics and Finance

Perugia, August 27-31

Lecturers: Roberto Casarin, University of Venice; Matteo Ciccarelli, European Central Bank, DG Research;

Francesco Ravazzolo, Free University of Bozen-Bolzano.

Coordinator: Gaetano Carmeci, University of Trieste.

- The course is advanced and covers state-of-the-art techniques and recent developments in Bayesian Multivariate Models, for structural analysis and forecasting, nonparametric methods and forecast combinations with a broad range of applications in economics and finance. The methods introduced in the lectures will be illustrated with hands-on applications in MATLAB.

Financial Time Series

Perugia, September 4-7

Lecturers: Alessandra Amendola, University of Salerno; Massimiliano Caporin, University of Padua; Walter Di Staso, Imperial College & University of Messina; Giuseppe Storti, University of Salerno.

Coordinator: Alessandra Amendola & Giuseppe Storti, University of Salerno.

- The course is intended to achieve postgraduate training in financial econometrics for students, researchers and data scientists. Starting from basic concepts, the focus is on time series modelling and forecasting with particular emphasis on the following topics: models for daily returns, ex-post estimation of volatility (including realized measures based on intra-daily information), multivariate volatility models, conditional variance and covariance forecasts, estimation of risk measures such as VaR and ES and their backtesting. Theoretical lectures will be associated with working sessions that will introduce the audience to the use of statistical programming languages that can be used by the attendees as flexible tools for running their own empirical analyses. Namely, numerical applications will be performed through the software R and some MATLAB packages.

News from IWEEE

On January 25-26, 2018, the first International Workshop on Econometrics and Empirical Economics (IWEEE2018) was held at the University of Milano-Bicocca. The workshop was promoted by SIdE (Italian Econometrics Association) and organized under the supervision of a program committee (chaired by F.Bartolucci, University of Perugia; G. Cavaliere, University of Bologna; S. Fachin, University of Rome La Sapienza) and a local committee (chaired by C. Morana and M. Pelagatti, University of Milano-Bicocca).

The workshop was articulated in presentations by two keynote speakers, thirty oral presentations, and around twenty poster presentations. The two keynote speakers were Prof. Manuel Arellano, from CEMFI in Madrid, and Prof. Marco Lippi, from EIEF in Rome. They gave two very interesting seminars about advances in non-linear panel data models and high-dimensional dynamic factor models, respectively, stimulating a great interest among the audience.

The oral presentations were selected by the program committee from more than a hundred submissions. These presentations were focused on several different themes of micro- and macro-econometrics with emphasis both on methodological and applied aspects. While most theoretical contributions were concerned with high dimensional econometric modelling, applications ranged from classical topics, such as labour market and policy evaluation, to financial markets analysis, with particular reference to corporate finance, housing and credit markets, as well as the role of cryptocurrencies in finance.

The poster presentations were organized in two sessions including about ten posters each on different topics. Again, micro- and macro-econometrics topics were covered with a relevant number of presentations about finance.

The workshop was sponsored by Collegio Carlo Alberto (Turin), the Society for Nonlinear Dynamics and Econometrics, the International Association for Applied Econometrics (IAAE), the Association of Savings Banks and the Foundations of Banking Origin (ACRI), the University of Milan-Bicocca and the Department of Economics, Management and Statistics (DEMS, University of Milan-Bicocca). Through the sponsorship, participation costs for ten selected young scholars were partially funded and three “Young Investigator Training Program” Research Prizes of the monetary value of 3,000 Euros each were awarded to foreign young investigators of outstanding profile. The prize winners were Inna Petrunik, University of Lueneburg; Marica Valente, DIW Berlin, and Ewa Genge, U. Ec. Katowice.

Despite the workshop was at its first edition, following a new format for SIdE meetings, it was a success, as testified by the great number of participants, more than eighty, and the large number of submissions, among which the organizers were forced to select less than one half. We are looking forward to the new workshop, which will be organized in 2020, following the regular SIdE conference in January 2019: <http://www.side-iaa.it/events/iceee/iceee-2019>.

Workshop & Conferences around the world

The following events might be of interest to our members.

IWcee18 – 6th International Workshop on Computational Economics and Econometrics

Rome, 26-28 June 2018

CNR – National Research Council of Italy

We are glad to announce the call-for-paper for participating to **IWcee18** that will be held in **Rome, June 26-28, 2018** at the *National Research Council of Italy*. **IWcee18** main topic this year will be on: **“Machine Learning, Artificial Intelligence, and Big Data: Methods and New Perspectives for Research and Society”**.

Deadline for extended abstract submission: APRIL 30, 2018.

Workshop fee: *Students:* 100 EUR ; *Scholars* 200 EUR

Workshop fee for SIDE members: *Students:* 50 EUR ; *Scholars* 100 EUR

For more information please visit the IWcee18 webpage: <http://www.ircres.cnr.it/index.php/it/iwcee18>

Workshop c.MET05

Prato, 7-8 June 2018

“The workshops c.MET05” aim at discussing scientific papers and research projects on the themes that characterizes the c.MET05 research network: Industry: international, national, and local; Local systems, networks, business groups, districts/clusters, filiere; Firm: organization and strategies; Government Policies for industry and development: theories and practices; Internationalization: trade and production; Innovation: companies, industries, territories, societies; Asia: China and Far East / Industry, Growth and Development; Italy: Industry, Growth and Development.

For more information please visit <http://www.cmet05.it/>

The *call for paper* (in Italian) is available at <http://www.cmet05.it/news/15/3/XV-Workshop-c.MET05>

Deadline for abstract submission: March 31.

New SIdE Members

We welcome the following new members of our society: Michele Aquaro; Andrea Baldini; Randolph Bruno; Arianna Campagna; Lucia Dalla Pellegrina; Jonas Piero Dalmazzo; Stefano Di Colli; Andreea Enache; Giancarlo Ferrara; Svitlana Galeshchuk; Hala Gharib; Angelica Gianfreda; Bai Huang; Arturas Juodis; Simon Kwok; Chiara Lacava; Nora Laurinaityte; Laura Liu; Irene Mammì; Matteo Manera; Raffaele Miniaci; Malcolm Noshir Mistry; Chiara Monfardini; Antonio Musolesi; Marco Pecoraro; Inna Petrunyk; Roberto Rocci; Beau Soederhuizen; Luca Matteo Stanca; Marica Valente; Maria Ventura; Yukai Yang.