European Commission

Agenda

Big Data and Economic Forecasting 2021 – virtual workshop

March 16-17, 2021

The European Commission's science and knowledge service

Joint Research Centre

Joint Research Centre

Day 1: March 16, 2021

Live at https://webcast.ec.europa.eu/big-data-and-economic-forecasting-2021-virtual-workshop-21-03-16/

14:00-14.10 (CET)   **Welcome remarks by Mikel Landabaso (European Commission) and Sebastiano Manzan (CUNY)**

14:10-15:30 (CET)   **Session 1: Text Analysis**

Chair: Elisa Tosetti (University of Venice)

Leif Anders Thorsrud (BI Norwegian Business School)

Climate risk and commodity currencies (joint with Kapfhammer and Larsen)

Kris Boudt (Ghent University)

 From news to economic nowcasts: Lessons learned on Belgian news data (with Algaba, De Block, Langenus, Reusens)

Bo Sun (Federal Reserve Board)

US-China Hostility (joint with Rogers)

Luca Barbaglia (European Commission)

Nowcasting the economy with news during the pandemic (joint with Consoli and Manzan)

15.40 – 16.20 (CET)   **Keynote talk by Michael McMahon** (University of Oxford)

Information, Shocks and Market Beliefs: The Effects of Central bank Communication

Chair: Luca Onorante (European Commission)

 16.30 – 17.30 (CET)   **Session 2: Machine Learning and Forecasting**

Chair: Luca Tiozzo-Pezzoli (European Commission)

Stefania Albanesi (University of Pittsburgh)

Predicting Consumer Default

Andrii Babii (University of North Carolina at Chapel Hill)

Machine learning time series regressions with an application to nowcasting (joint with Ghysels and Striaukas)

Andreas Joseph (Bank of England)

An interpretable machine learning workflow with an application to economic forecasting

17.30 – 18.00 (CET)   **Closing remarks**

Day 2: March 17, 2021

Live at https://webcast.ec.europa.eu/big-data-and-economic-forecasting-2021-virtual-workshop-21-03-17/

14:00-14.10 (CET)   **Welcome remarks by Sebastiano Manzan (CUNY)**

14:10-15:30 (CET)   **Session 3: Big Data**

Chair: Luca Barbaglia (European Commission)

Luca Onorante (European Commission)

Testing big data in a big crisis: nowcasting under COVID-19 (with Barbaglia, Frattarolo, Pericoli, Ratto, Tiozzo Pezzoli)

Manuela Pedio (Bocconi University)

Forecasting Realized Equity Volatility From Text Sentiment Revealed by Company Filings (joint with Guidolin and Tikvic)

Stefano Iacus (European Commission)

Nowcasting Socio-Economic Indicators Through Human Mobility Data (joint with Minora, Sermi, Spyridon and Vespe)

Luca Tiozzo-Pezzoli (European Commission)

Information Extraction From the GDELT Database to Analyse EU Sovereign Bond Markets (joint with Consoli and Tosetti)

15.40 – 16.20 (CET)   **Keynote talk by Laurent Ferrara (SKEMA)**

High-frequency monitoring of growth-at-risk (joint with Mogliani and Sahuc)

Chair: Marco Ratto (European Commission)

16.30 – 17.30 (CET)   **Session 4: Text Analysis**

Chair: Sergio Consoli (European Commission)

Asaf Manela (Washington University in St. Louis)

Does Finance Benefit Society? A Language Embedding Approach (joint with Jha and Liu)

Sebastian Podda (Cagliari University)

Dynamic Industry-Specific Lexicon Generation for Stock Market Forecast (joint with Carta, Consoli, Piras, Recupero)

Walczak Eryk (Bank of England)

The Language of Rules: Textual Complexity in Banking Reforms (joint with Amadxarif, Brookes, Garbarino and Patel)

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JRC Mission

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