



# **X International Conference *Modern Econometric Tools and Applications - META2023***

***Nizhny Novgorod, B. Pecherskaya Str, 25/12  
October 4–7, 2023***

**Conference program**



# Conference committees

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# Wednesday, October 4

## Special (PhD) student session

### 15:00 – 16:30 Section A

**Kraevskiy A.A.** (HSE University, Moscow), **Sokolovskiy E.I.** (HSE University, Moscow)

*CONSTRUCTING EARLY WARNING SYSTEM FOR MODEL RISK MANAGEMENT VIA TRANSFER ENTROPY ESTIMATION*

**Urazbaeva A.R.** (HSE University, Moscow)

*ENTREPRENEURSHIP UNDER COVID-19: THE EFFECTIVENESS OF STATE SUPPORT IN THE CONTEXT OF RUSSIAN REGIONS*

**Vasilyeva R.I.** (Institute of Economics Ural Branch of the Russian academy of Science, Yekaterinburg)

*THE ROLE OF FISCAL DECENTRALIZATION IN REDUCING INTER-REGIONAL ECONOMIC DISPARITY IN RUSSIA*

**Sherubneva A.I.** (HSE University, Moscow)

*THE IMPACT OF COVID-19 ON THE EFFICIENCY OF COMPANIES: SECTORAL AND SPATIAL ASPECTS (ON THE EXAMPLE OF THE SOUTH-SIBERIAN REGION)*

### 16:50 – 18:20 Section B

**Rodionova T.I.** (First Moscow State Medical University (Sechenov University), HSE University, Moscow)

*SOCIOECONOMIC DISPARITIES IN HEALTH DUE TO HEALTH-RELATED BEHAVIOR*

**Khlyupina V.A.** (HSE University, Nizhny Novgorod)

*ESTIMATION OF THE INDIRECT NETWORK EFFECT: ON THE EXAMPLE OF TELEVISION ADVERTISING*

**Pisareva G.A.** (HSE University, Nizhny Novgorod)

*FOREIGN LANGUAGE WAGE PREMIUM ESTIMATION: CASE OF RUSSIA*

**Bannikova V.A.** (Lomonosov MSU, Moscow), **Kolesnik S.I.** (RANEPA, Moscow)

*DECONSTRUCTION OF RUSSIAN MONETARY SURPRISES: NEW METHODS AND NEW EVIDENCE*

# Thursday, October 5

**8:30 – 9:30 Registration**

**9:30 – 9:50 Opening**

**9:50 – 11:30 Guest speakers**

**Prokhorov A.B.** (University of Sidney Business School, Australia; CEBA, Saint Petersburg State University; CIREQ, University of Montreal, Canada), **James R.** (University of Sydney, Australia), **Amsler C.** (Michigan State University), **Schmidt P.** (Michigan State University)

*IMPROVING PREDICTIONS OF TECHNICAL INEFFICIENCY*

**Fantazzini D.** (MSE, Moscow State University) **Xiao Y.** (MSE, Moscow State University) *DETECTING PUMP-AND-DUMPS WITH CRYPTO-ASSETS: DEALING WITH IMBALANCED DATASETS AND INSIDERS' ANTICIPATED PURCHASES*

**11:30 – 11:50 Coffee break**

**11:50 – 13:20 Labor Economics (A)**

**Kotyrla E.S.** (HSE University, Moscow)

*THE EFFECT OF TELEWORKABILITY ON LABOUR OUTCOMES AT THE TIME OF COVID-19*

**Dubnovitskaya A.A.** (HSE University, Moscow), **Furmanov K.K.** (CEMI RAS, Moscow)

*SATISFACTION WITH PAY, WORKING CONDITIONS AND PROMOTION OPPORTUNITIES AS DETERMINANTS OF JOB SATISFACTION IN RUSSIA*

**Zamnius A.** (RANEPA, Moscow)

*ASSESSING LABOR SUPPLY ELASTICITIES BASED ON IDENTIFICATION OF TRANSITORY AND PERMANENT SHOCKS FOR RUSSIAN HOUSEHOLDS*

**Zazdravnykh E.A.** (HSE University, Saint Petersburg)

*UNSATISFACTORY WORKING CONDITIONS AND SICKNESS-RELATED ABSENTEEISM*

**13:20 – 14:20 Lunch**

**14:20 – 15:50 Risk Assessment. Banks, Enterprises, Loans**

**Zimin E.E.** (HSE University, Moscow), **Semenova M.V.** (HSE University, Moscow) *PROFITABILITY AND BANK DE-BRANCHING IN THE DIGITAL AGE: EVIDENCE FROM RUSSIAN REGIONS*

**Gospodarchuk G.** (National Research Lobachevsky State University of Nizhny Novgorod), **Aistov A.V.** (HSE University, Nizhny Novgorod), **Zotov A.** (National Research Lobachevsky State University of Nizhny Novgorod)

*KEY RATE DECISION FORECASTS BASED ON INTERBANK LENDING RATE*

**Semenova M.V.** (HSE University, Moscow), **Popova P.** (HSE University, Moscow),  
**Sokolov V.** (HSE University, Moscow)

*RETAIL DEPOSITOR STRATEGIES IN RUSSIAN REGIONS DURING THE COVID-19 SHOCK: WHETHER TO WITHDRAW AND WHY?*

**Gorodilov A.** (HSE University, Moscow), **Sokolov V.** (HSE University, Moscow)  
*BANK CAPITAL AND LIQUIDITY CREATION: EVIDENCE FROM THE RUSSIAN EXPERIENCE*

**15:50 – 16:10 Coffee break**

**16:10 – 17:00 Applied Microeconometrics**

**Kossova E.V.** (HSE University, Moscow), **Kosorukova M.A.** (HSE University, Moscow), **Shylo A.V.** (HSE University, Moscow)

*ESTIMATION OF THE TREATMENT EFFECT'S DYNAMICS OF HIGHER EDUCATION ON AN INDIVIDUAL'S HEALTH BY AGE COHORTS: MULTIVARIATE PROBIT MODEL AND MATCHING*

**Vakulenko E.S.** (HSE University, Moscow), **Kondrateva V.P.** (HSE University, Moscow), **Trofimenko I.A.** (HSE University, Moscow)

*REPRODUCTIVE INTENTIONS OF RUSSIANS IN TIMES OF INSTABILITY*

**17:00 – 17:15 Coffee break**

**17:15 – 18:25 Health Economics**

**Davitadze A.P.** (HSE University, Moscow) **Aleksandrova E.** (Sechenov University, Moscow)

*HEALTH CARE UTILIZATION AND PATIENT CHOICE BETWEEN PUBLIC AND PRIVATE PROVIDERS*

**Ochirova E.S.** (HSE University, Moscow), **Dranev Y.Y.** (HSE University, Moscow)

*IMPACT OF CORPORATE SOCIAL RESPONSIBILITY ON RESEARCH AND DEVELOPMENT RETURN: EVIDENCE FROM HIGH R&D INTENSIVE INDUSTRIES*

**Schapov D.** (HSE University, Moscow), **Aleksandrova E.** (Sechenov University, Moscow), **Garipova F.** (HSE University, Saint Petersburg)

*RESTRICTIVE POLICY MEASURES AIMED AT REDUCING HARM FROM ALCOHOL CONSUMPTION: THE CASE OF NIGHTTIME SALES RESTRICTIONS IN RUSSIAN REGIONS SINCE 2013*

**18:25 Welcome party**

# Friday, October 6

## 9:00 – 9:50 Guest speakers

**Ibragimov R.M.** (Imperial College Business School, London, UK; CEBA, Saint Petersburg State University), **Walden J.** (University of California at Berkeley, Haas School of Business, USA)

*FUNDAMENTAL VALUE PRICING AND BUBBLES FOR NONTRADITIONAL ASSETS: THE CASE OF CRYPTOCURRENCIES*

## 9:50–10:30 Applied Macroeconometrics (A)

**Sugaipov D.R.** (RANEPA, Moscow), **Bannikova V.A.** (Lomonosov Moscow State University, Moscow)

*US MONETARY POLICY AND BUSINESS CYCLES IN DEVELOPING COUNTRIES*

**Zyamalov V.Y.** (RANEPA, Moscow), **M.Y. Turuntseva** (RANEPA, Moscow)

*APPLYING THE HEDONIC METHOD TO RUSSIAN DATA*

## 10:30–10:50 Coffee break

## 10:50–12:20 Applied Macroeconometrics (B)

**Molokanova K.** (HSE University, Nizhny Novgorod), **Novak A.E.** (Bank of Russia, Nizhny Novgorod), **Fedorova E.** (Bank of Russia, Samara)

*PRICE RIGIDITY ANALYSIS: RUSSIA MONTHLY FIRM-LEVEL SURVEY*

**Vasilyeva R.I.** (Institute of Economics Ural Branch of the Russian Academy of Science, Yekaterinburg), **Litvinets V.P.** (Institute of Economics Ural Branch of the Russian Academy of Science, Yekaterinburg)

*EVALUATION OF THE EFFECTIVENESS OF THE FAR EAST DEVELOPMENT*

*PROGRAM: APPLICATION OF SYNTHETIC CONTROL*

**Vikharev P.L.** (Bank of Russia, Nizhny Novgorod), **Maksimov A.G.** (HSE University, Nizhny Novgorod)

*THE EFFECTS OF MONETARY POLICY SHOCKS ON CONSUMPTION INEQUALITY IN RUSSIA*

**Kolesnik S.I.** (RANEPA, Lomonosov Moscow State University, Moscow),

**Bannikova V.A.** (Lomonosov Moscow State University, Moscow)

*IDENTIFICATION OF MONETARY POLICY SHOCK IN A GVAR-MODEL: DATA-DRIVEN APPROACH*

**12:20–12:40 Coffee break**

**12:40–14:10 Theoretical Basis of Modern Econometric Tools. Forecast Evaluation**

**Astafyeva E.** (RANEPA), **Turuntseva M.** (RANEPA, Gaidar Institute)  
*THE POSSIBILITIES OF IMPROVING OF FORECASTING EVALUATION FOR THE NATURAL RESOURCE PRICES USING THE FORECASTS COMBINATIONS*

**Kotyrlo E.S.** (HSE University, Moscow)  
*DIFFERENCE-IN-DIFFERENCES FOR MULTIPLE GROUPS AND MULTIPLE PERIODS*

**Atlasov A.A.** (HSE University, Moscow), **Efremov D.P.** (HSE University, Moscow),  
**Kostromina A.M.** (HSE University, Moscow), **Stolyarov M.E.** (HSE University, Moscow)  
*THE ESTIMATION OF MULTINOMIAL SELECTION MODELS USING MACHINE LEARNING AND BAYESIAN METHODS*

**Votinov A.I.** (Financial Research Institute, Moscow)  
*MATCHING THE DATA TO DSGE-MODELS: NON-STATIONARY PROCESSES VS. MEASUREMENT ERRORS*

**14:10–15:10 Lunch**

**15:10–16:40 Networks. Spatial Econometrics**

**Demidova O.A.** (HSE University, Moscow)  
*THE IMPACT OF SOCIAL NETWORKS ON THE LEVEL OF TRUST IN RUSSIA*

**Tereshchenko D.S.** (HSE University, St. Petersburg)  
*NONLINEAR EFFECTS OF UNIVERSITIES' RESEARCH ON INNOVATIONS IN RUSSIAN REGIONS: A SPATIAL ECONOMETRIC APPROACH*

**Voytenkov V.A.** (HSE University, Moscow)  
*HOW DID THE 2008, 2014 AND 2020 CRISES CHANGE HOUSEHOLD CONSUMPTION PATTERNS?*

**16:40 City tour**

# Saturday, October 7

## 9:00 - 9:50 Guest speaker

**Denisova I.A.** (NES, Moscow State University), **Bessonova E.** (Bank of Russia, HSE University, Moscow), **Ivanova N.** (Bank of Russia)

*DEMOGRAPHY AND SAVINGS: EVIDENCE FROM A RUSSIAN HOUSEHOLD SURVEY*

## 9:50 - 10:35 Labor. Ecological Economics

**Yu T.** (HSE University, Moscow), **Potantin B.S.** (HSE University, Moscow)

*ESTIMATING RETURNS TO EDUCATION IN CHINA: MODERATING ROLE OF GENDER*

**Vakulenko E.S.** (HSE University, Moscow), **Egorova Y.V.** (Ufa University of Science and Technologies, Ufa), **Tischenko I.I.** (Independent researcher)

*DETERMINANTS OF RENEWABLE ENERGY DEVELOPMENT*

## 10:35 - 10:50 Coffee break

## 10:50 - 12:20 Financial Econometrics. Financial Markets (A)

**Skrobotov A.A.** (RANEPA and Saint Petersburg University), **Kurozumi E.** (Hitotsubashi University)

*IMPROVING THE ACCURACY OF BUBBLE DATE ESTIMATORS UNDER TIME-VARYING VOLATILITY*

**Ivanov M.A.** (Lomonosov Moscow State University, Moscow), **Roshchina Ya.A.** (Lomonosov Moscow State University, Moscow), **Gavrilov V.** (Lomonosov Moscow State University, Moscow), **Korolev V. Yu.** (Lomonosov Moscow State University, Moscow), **Klochkova O.A.** (Lomonosov Moscow State University, Moscow)

*IMPACT OF NEWS FLOWS ON COMPONENTS OF RUSSIAN STOCK MARKET VOLATILITY*

**Teterin M.A.** (HSE University, Moscow), **Peresetsky A.A.** (HSE University, Moscow)

*MEDIA ATTENTION IMPACT ON BITCOIN VOLATILITY*

**Manevich V.A.** (HSE University, Moscow), **Ignatov D.I.** (HSE University, Moscow)

*CORRECTED TRIPLE CORRECTION METHOD, CNN AND TRANSFER LEARNING FOR PREDICTION THE REALIZED VOLATILITY OF BITCOIN AND E-MINI S&P500*

## 12:20 - 13:20 Lunch

## 13:20 - 14:30 Financial Econometrics. Financial Markets (B)



**Faizliev A.R.** (Saratov State University), **Balash V.A.** (Saratov State University),  
**Krotova Y.** (Saratov State University)

*ROBUSTNESS OF METHODS FOR ESTIMATING VOLATILITY SPILLOVERS*

**Pogorelova P.V.** (HSE University, Moscow)

*INVESTIGATION OF THE IMPACT OF UNCERTAINTY INDICATORS ON BITCOIN  
VOLATILITY USING ARDL MODEL*

**Sayapin A.V.** (HSE University, Moscow), **Potantin B.S.** (HSE University, Moscow)

*MODELING VOLATILITY OF RUSSIAN STOCKS WITH SENTIMENT ANALYSIS OF  
NEWS ARTICLES*

**14:30 - 14:45 Coffee break**

**14:45 - 15:55 Applied Microeconometrics; Financial Econometrics. Financial  
Markets (C)**

**Kolomak E.A.** (NSU, Novosibirsk)

*INSTITUTIONAL, SPATIAL AND SECTORAL DETERMINANTS OF FIRM'S  
PERFORMANCE IN THE REGION (CASE OF NOVOSIBIRSK REGION)*

**Eliseev A.V.** (Bank of Russia, HSE University, Nizhny Novgorod)

*SHOCK-DEPENDENT EXCHANGE RATE PASS-THROUGH: AN EMPIRICAL ESTIMATE  
FOR RUSSIA BASED ON THE SVAR MODEL*

**Kramkov V. A.** (Bank of Russia, HSE University, N. Novgorod), **Maksimov A. G.**  
(HSE University, Nizhny Novgorod).

*MEASURING TERM PREMIUMS IN RUSSIA*

**15:55 - 16:10 Closing**

**16:10 Departure**