# (ICOAE 2018)

# **CONFERENCE PROGRAMME**



Venue:

**SGH Warsaw School of Economics**, aleja Niepodległości 128, 02-554 Warszawa, Poland

# Organisers



Department of Business Economics SGH Warsaw School of Economics Poland



Department of International Trade, Western Macedonia University of Applied Sciences, Kastoria, Greece

# **Conference Committees**

#### Chairs

Prof. Nicholas Tsounis, Department of International Trade, Western Macedonia University of Applied Sciences, Greece

Prof. Aspasia Vlachvei, Department of International Trade, Western Macedonia University of Applied Sciences, Greece

Prof. Jacek Prokop, Vice Rector for International Relations, Head of Department of Business Economics, SGH Warsaw School of Economics, Poland

#### **Scientific Committee**

Prof. George Agiomirgianakis, Hellenic Open University, Greece

Dr. Panagiotis Andrikopoulos, School of Economics, Finance and Accounting, Coventry University, United Kingdom

Prof. Nailya Bagautdinova, Kazan Federal University, Kazan, Russia

Prof. Ewa Baranowska-Prokop, SGH Warsaw School of Economics, Poland

Dr. I. Bassiakos, Department of Economics, University of Athens, Greece

Prof. Necip Cakir, Bahcesehir University, Turkey

Dr. Irini Dimitriyadis, Bahcesehir Univeristy, Turkey

Prof. Nikolaos Dritsakis, University of Macedonia, Greece

Dr. Haidi Dritsakis, Western Macedonia University of Applied Sciences, Greece

Dr. Christos Floros, Crete University of Applied Sciences, Greece

Prof. Martino Gaetano, University of Perugia, Italy

Dr. Spyros Hadjidakis, University of Nicosia, Cyprus

Dr. Xin He, Surrey International Institute, Dongbei University of Finance and Economics, China

Prof. Alina Hyz, Piraeus University of Applied Sciences, Greece

Prof. Zacharoula Kalogiratou, Western Macedonia University of Applied Sciences, Greece

Prof. Murat Karagoz, Yildiz Techical University, Fatih University, Turkey

Prof. Kostas Karantininis, University of Copenhagen, Denmark

Prof. Kostas Katrakilidis, Aristotle University of Thessaloniki, Greece

Prof. Dimitris G. Kirikos, Crete University of Applied Sciences, Greece

Prof. Igor A. Kirshin, Kazan Federal University, Russia

Dr. Theodoros Monovasilis, Western Macedonia University of Applied Sciences, Greece

Prof. Ricardo Ramalhete Moreira, Espírito Santo Federal University (UFES), Brazil

Dr. Ourania Notta, Thessaloniki University of Applied Sciences, Greece

Dr. Daphne Nicolitsas, University of Crete, Greece

Prof. Michail V. Panasyuk, Federal University of Kazan, Russia

Prof. George Polychronopoulos, Athens University of Applied Sciences, Greece

Prof. Jacek Prokop, SGH Warsaw School of Economics, Poland

Prof. Alexander Rogach, Taras Sevshenko National University, Kiev, Ukraine

Prof. Lenar N. Safiullin, Kazan Federal University, Kazan, Russia

Prof. Yevgen Savelyev, Ternopil National Economic University, Ukraine

Dr. Dimitrios Serenis, University of Coventry, United Kingdom

Prof. Tomasz Sikora, SGH Warsaw School of Economics, Poland

Prof. Lena Tsipouri, Department of Economics, University of Athens, Greece

Prof. Nicholas Tsounis, Western Macedonia University of Applied Sciences, Greece

Prof. Aspasia Vlachvei, Western Macedonia University of Applied Sciences, Greece

Dr. Athanassios Vozikis, University of Piraeus, Greece

Dr. Marie Vravrejnova, Center for Economic Research and Graduate Education of Charles University (CERGE), Economics Institute of the Academy of Sciences (EI), Prague, The Czech Republic

# **Organising Committee**

Prof. Nicholas Tsounis, Department of International Trade, Western Macedonia University of Applied Sciences, Greece

Prof. Aspasia Vlachvei, Department of International Trade, Western Macedonia University of Applied Sciences, Greece

Prof. Zacharoula Kalogiratou, Western Macedonia University of Applied Sciences, Greece

Dr. Theodoros Monovasilis, Western Macedonia University of Applied Sciences, Greece

Dr. Ourania Notta, Thessaloniki University of Applied Sciences, Greece

Dr. Marek Dietl, SGH Warsaw School of Economics, Poland

Dr. Adam Karbowski, SGH Warsaw School of Economics, Poland

Dr. Łukasz Skrok, SGH Warsaw School of Economics, Poland

Dr. Dimitrios Serenis, University of Coventry, United Kingdom

Prof. George Polychronopoulos, Athens University of Applied Sciences, Greece

Lazaros Markopoulos, Greece

Dimitris Toulios, Greece

Gerassimos Bertsatos, Greece

# International Conference On Applied Economics (ICOAE 2018)

CON	<b>FEREN</b>	JCF I	PRO	GRA	MME
CON		<b>VC</b> E	$\Gamma$ $\Gamma$ $\cup$	GNF	

THURSDAY 5 JULY				
9:30-10:00	REGISTRATION			
	Welcoming coffee			
10:00-10:15	OPENING SESSION: Aula I			
10:15-11:00	KEYNOTE PLENNARY OPENING SESSION			
	Fixed Capital in the Corn-Tractor Model			
	Prof. lan Steedman – UNITED KINGDOM			

# 11:00-11:30 **COFFEE BREAK**

#### **PARALLEL SESSIONS**

**SESSION 1A: MACROECONOMICS, Aula I** 

Session Chair: Prof. Ricardo Ramalhete Moreira

#### 11:30-13:00

Does credibility matter for interest rate changes and output gaps? Econometric experiment for an emerging economy

Marcos V. Nunes Montes, Ricardo Ramalhete Moreira - BRAZIL

Potential Implications of Brexit: The Case of the Slovak Republic

Gabriela Dovalova, Boris Hošoff, Erika Stracová - SLOVAK REPUBLIC

Nexus between Human Capital Development and Human Capital Investment in Nigeria

Tope Awe - NIGERIA

Inflation, Unemployment and the NAIRU in Poland.

Pavlos Stamatiou, Chaido Dritsaki - GREECE

The Impact of Structure of Debt Funding Sources on Liquidity of Medium-Sized Companies in the Czech Republic

Markéta Šeligová - CZECH REPUBLIC

# **SESSION 1B: FINANCIAL ECONOMICS Aula II**

Session Chair: Prof. Sophia Dimelis

11:30-13:00

Banking concentration and firm growth: The impact of size, location and financial crisis

Sophia Dimelis, Ioannis Giotopoulos, Helen Louri-GREECE

The threshold GARCH model: estimation and density forecasting for financial returns

Yuzhi Cai. UK

On Some Characteristics of Liquidity Proxy Time Series. Evidence from the Polish Stock Market

Joanna Olbrys, Michal Mursztyn-POLAND

An analysis of the status of CSR practice in the South African business context: A framework for analysis

Elrida Vos, Niel Oberholzer, SOUTH AFRICA

Bayesian Estimation of GARCH(1,1) Model using Tierney-Kadane's Approximation

Yakup Arı, TURKEY

The Potential Threat of Corporate Financial Distress in Switzerland Tomáš Pražák, CZECH REPUBLIC

13:00-14:30

LUNCH

#### **PARALLEL SESSIONS**

**SESSION 2A: FINANCIAL ECONOMICS, Aula I** 

**Session Chair: Dr. Dimitrios Serenis** 

14:30-16:00

The effect of sovereign credit rating change on share prices of the south African retail banks.

Milan de Wet, Ilse Botha - SOUTH AFRICA

Integration Measures Based on Principal Component Analysis: Example of Eurozone Stock Markets

Pawel Jamroz, Elzbieta Majewska - POLAND

Volatility between Oil Prices and Stock Returns of Dow Jones index: A Bivariate GARCH (BEKK) Approach

Dimitrios Kartsonakis Mademlis, Nikolaos Dritsakis - GREECE

Banking Flows and Credit Risk in Southern European Countries"

Mafalda Vasconcelos - ITALY

# SESSION 2B: AGRICULTURAL ECONOMICS, Aula II

Session Chair: Prof. Rania Notta

14:30-16:00

Factors affecting on soil analysis technique adopted by the southern region farmers-Syria

Moammar Dayoub - FINLAND

Indian Dairy Value Chain

C.S.Sundaresan - INDIA

Prospects for Climate Service for Sustainable Agriculture in Tanzania

Moammar Dayoub, Jaakko HELMINEN, Ville MYLLYNPÄÄ, Mikko APIOLA,

Tomi Westerlund, Erkki Sutinen - FINLAND

Primary Producer Welfare following a Policy Paradigm Shift; a review of the Deregulation of the Australian Wheat Market

Stephanie Krezel - AYSTRALIA

A stimulating export oriented policy of agricultural sector of developing countries on example of Georgia

Nino Rukhaia-Mosemgvdlishvili - GEORGIA

#### 18:30 DINNER AT WARSAW STOCK EXCHANGE

# FRIDAY 6 JULY

10:00-11:00

#### **KEYNOTE PLENNARY SESSION: Aula II**

Majority Decision Rules with Minority Protections: Cost Assignments for Public Projects

Prof. Mamoru Kaneko - JAPAN

11:00-11:30 **COFFEE BREAK** 

#### **PARALLEL SESSIONS**

# **SESSION 1A: INTERNATIONAL ECONOMICS, Aula II**

Session Chair: Prof. Ewa Baranowska-Prokop

11:30-13:00

Internationalization Indices and Success Perception of Polish Born Globals Tomasz SIKORA, Ewa Baranowska-Prokop - POLAND

Long-term International Trade Analysis Measuring Spatial Extension of Globalization: Kuznets or Hysteresis Paradigm?

Bruno G. Rüttimann - SWITZERLAND

Exchange rate and oil price pass-through into inflation indicators in Algeria.

Touitou Mohammed, Boudeghdegh Ahmed - ALGERIA

Revealed Comparative advantage BRICS-EU 28: Some New Evidence

Georgios Xanthos, Argiro Moudatsou - GREECE

**SESSION 1B: MICROECONOMICS, Room 2A** 

**Session Chair: Prof. Jacek Prokop** 

11:30-13:00

Patents and Enterprise Innovation in Network Industries

Adam Karbowski-POLAND

R&D Activities in a Differentiated Goods Duopoly with Quadratic Cost Function

Jacek Prokop-POLAND

Economic Burden of Occupational Illness on Women Workers in Textile Industry, Pakistan

Muhammad Khan, Kashif Muhmood, Shumaila Noureen, Saima Noureen-PAKISTAN

Cobb-Douglas Production Function: The Case of Poland's Economy

Chaido Dritsaki, Pavlos Stamatiou-GREECE

Wage gaps, public and private education expenditure as explanatory factors for NEETs in Senegal

Mame Adiouma DIENG-SENEGAL

Socio-economic and cultural effects on tourist demand function: the case of Australia

Dimitrios Serenis-UNITED KINKDOM

Effects of the Greek financial crisis on food manufacturing firms

Notta, O., Vlachvei, A., Grigoriou - GREECE

13:00-14:30

LUNCH

#### PARALLEL SESSIONS

SESSION 2A: VIRTUAL, Room 2A Session Chair: Prof. Nicholas Tsounis

#### 14:30-16:00

Asset Structure of Commercial Banks and its Impact on Profit Levels Mário Papík, Lenka Chorvatovičová – SLOVAK REPUBLIC

The philanthropy tree of community foundations from ancient to contemporary times. Roots and branches of US and Italian foundations

Angela Besana, Annamaria Esposito, Martina Treu - ITALY

Do emerging and frontier stock markets of Middle East and North Africa (MENA) region provide diversification opportunities?

Nisha Thomas, Smita Kashiramka, Surendra Singh Yadav - INDIA

The Effect of Bitcoin Prices on US Dollar Index price

Antoniadis I., Sariannidis N., Kontsas S.- GREECE

Empirical analysis of copper co-movement, volatility and hedge ratios with top producing countries

Corlise L. Le Roux - SOUTH AFRICA

# SESSION 2B: VIRTUAL, Room 2B Session Chair: Prof. Aspasia Vlachvei

#### 14:30-16:00

DCC-Garch models with three different distributions for Islamic Market and European market indices

Sabbah Queddoudj - FRANCE

Quantitative Easing, Households' Deposits, Mutual Funds, and Growth: a Luxembourgish Case Study

Sabbah Queddoudj - FRANCE

Nature and implications of financialization: from quasi-equilibrium to speculative dynamic

Alain Herscovici - BRAZIL

Special Agricultural Safeguards in the international trade of meat analysis and impacts on the Brazilian economy

Cinthia Cabral da Costa, Heloisa Lee Burnquist, Joaquim J. M. Guilhoto - BRAZIL

# SESSION 2C: FINANCIAL ECONOMICS, Aula II

Session Chair: Dr. Adam Karbowski

#### 14:30-16:00

Brexit and Global Implied Volatility Indices

Imlak Shaikh - INDIA

Credit Crunch Testing in Iranian Banking System

Fatemeh Noorbakhah, Mahshid Shahchera, Homa Monfared - IRAN

Expected Shortfall Modelling of the CARBS indices

Coenraad Labuschagne, Niel Oberholzer, Pierre Venter - SOUTH AFRICA

Beta, size and value factors in the Chinese stock returns

Doha Belimam, Ghizlane Lakhnati - MOROCCO

Will Safety and Revenue Concerns Affect Credit Rating Herding?

Chung-Hua Shen, Yu-Li Huang - CHINA

Calculating the Piterbarg price of a derivative using the relative entropy and the Heston Nandi methodology

Coenraad Labuschagne, Sven von Boetticher, SOUTH AFRICA

COFFEE BREAK

PARALLEL SESSIONS

**SESSION 3A: MACROECONOMICS, Aula II** 

Session Chair: Prof. Antonio Ribba

16:30- 18:00

The wage-productivity nexus in the World Factory economy: a quantile regression analysis on Chinese manufacturing firms

Giovanni Dosi, Maria Enrica Virgillito, Xiaodan Yu - CHINA

The Dynamic Relationship of Defense Expenditure, Energy Consumption, and Economic Growth in Indonesia

Muhammad Fikruzzaman Rahawarin - INDONESIA

Economic Shocks and their Effects on Unemployment in the Euro Area Periphery under the EMU

Pietro Dallari, Antonio Ribba - ITALY

Labor Market Flexibility and Unemployment

Jacob Rosenberg - ISRAEL

Does Rule of Law and Voice and Accountability play role in control of corruption? A case of SAARC Region

Pirih Budhani - PAKISTAN

# **SESSION 3B: MARKETING AND MANAGEMENT, Room 2A**

Session Chair: Prof. Aspasia Vlachvei

16:30- 18:00

Theoretical background of facility management

Martina Paliderová, Katarina Frajtova Michalikova - SLOVAK REPUBLIC

The Digitization of Business and the Industry: Opportunities, Challenges and the Technology Behind

Loukas Michalis, Spyros Panetsos - GREECE

Patent thickets: identification

Marek Dietl, Łukasz Skrok, Mateusz Gątkowski, Ryan Whalen, Katharine Rockett - POLAND

Competitiveness at the Country-Sector Level: New Measures Based on Global Value Chains

Martyna Marczak, Thomas Beissinger - GERMANY

# **SATURDAY 7 JULY**

10:00-12:00 BOAT TRIP EXCURSION WITH LIGHT BRUNCH

**END OF ICOAE2018** 

### LIST OF AUTHORS BY COUNTRY OF AFFILIATION

#### **ALGERIA**

Touitou Mohammed, Boudeghdegh Ahmed

#### **AUSTRALIA**

Stephanie Krezel

#### **BRAZIL**

Marcos V. Nunes Montes, Ricardo Ramalhete Moreira Cinthia Cabral da Costa, Heloisa Lee Burnquist, Joaquim J. M. Guilhoto

#### **CHINA**

Zhaomin Zhang
Chung-Hua Shen,
Yu-Li Huang
Muhammad Mohsin,
Li Naiwen,
Muhammad Kashif Majeed,
Sobia Naseem
Giovanni Dosi,
Maria Enrica Virgillito,
Xiaodan Yu

#### **CZECH REPUBLIC**

Tomáš Pražák Markéta Šeligová

#### **FINLAND**

Moammar Dayoub Jaakko HELMINEN, Ville MYLLYNPÄÄ, Mikko APIOLA, Tomi Westerlund, Erkki Sutinen

#### **FRANCE**

Sabbah Gueddoudj

#### **GEORGIA**

Nino Rukhaia-Mosemgvdlishvili

#### **GERMANY**

Martyna Marczak, Thomas Beissinger

#### **GREECE**

Sophia Dimelis, Ioannis Giotopoulos, Helen Louri Pavlos Stamatiou, Chaido Dritsaki Dimitrios Kartsonakis Mademlis, Nikolaos Dritsakis Georgios Xanthos, Argiro Moudatsou Loukas Michalis. **Spyros Panetsos** Ioannis Antoniadis Nikolaos Sariannidis Stamatis Kontsas Ourania Notta Aspasia Vlachvei

#### **INDIA**

Nisha Thomas, Smita Kashiramka, Surendra Singh Yadav C.S.Sundaresan

#### **INDONESIA**

Muhammad Fikruzzaman Rahawarin

#### **IRAN**

Fatemeh Noorbakhah, Mahshid Shahchera, Homa Monfared

#### **ISRAEL**

Jacob Rosebberg

#### **ITALY**

Pietro Dallari, Antonio Ribba Angela Besana, Annamaria Esposito, Martina Treu Mafalda Vasconcelos

#### **MOROCCO**

Doha Belimam Ghizlane Lakhnati

#### **NIGERIA**

Tope Awe

#### **PAKISTAN**

Pirih Budhani Muhammad Khan, Kashif Muhmood, Shumaila Noureen, Saima Noureen

#### **POLAND**

Adam Karbowski
Jacek Prokop
Tomasz SIKORA,
Ewa Baranowska-Prokop
Joanna Olbrys,
Michal Mursztyn
Pawel Jamroz,
Elzbieta Majewska

# **SLOVAK REPUBLIC**

Gabriela Dovalova, Boris Hošoff, Erika Stracová Martina Paliderová, Katarina Frajtova Michalikova Mário Papík, Lenka Chorvatovičová

#### **SOUTH AFRICA**

Coenraad Labuschagne, Niel Oberholzer, Pierre Venter Sven von Boetticher Elrida Vos Milan de Wet, Ilse Botha

#### **SWITZERLAND**

Bruno G. Rüttimann

#### **TURKEY**

Yakup Arı

#### UK

Yuzhi Cai Dimitrios Serenis



International Conference
On Applied Economics