

Athens Institute for Education and Research

13th Annual International Conference on Mathematics & Statistics: Teaching, Theory & Applications
1-4 July 2019, Athens, Greece

Provisional List of Papers Accepted and Registered to be Presented (Listed by Presenter's Surname) and Other Attendees

Note: This list includes only those who have registered for the conference (i.e. those who have paid the registration fee). It does not include those who have received an acceptance letter but who have not yet sent in their registration form. Please also note that all ATINER's events (conferences, symposiums, public lectures, etc) are organized to serve ATINER's mission and policy. The list will be updated weekly. This current version was produced on 11 June 2019.

Papers to be presented:

1. Sheikh Shahriar Ahmed, Graduate Research Assistant, University at Buffalo, The State University of New York, USA, Ugur Eker, Graduate Research Assistant, University at Buffalo, The State University of New York, USA, Grigorios Fountas, Lecturer, Edinburgh Napier University, UK, , Stephen E. Still, Professor, University at Buffalo, The State University of New York, USA & Panagiotis Ch. Anastasopoulos, Associate Professor, University at Buffalo, The State University of New York, USA. Will Flying Cars Be Safe and Secure: An Exploratory Empirical Analysis of Public Perceptions.
2. Christina Anderl, Lecturer, London South Bank University, UK. Fractional Cointegration of Real Exchange Rates and Inflation Expectations.
3. Fabian Baier, Research Associate, University of Wuppertal, Germany. Does Engaging in International Organizations Pay Off? A Gravity Foreign Direct Investment Analysis.
4. *Nimer Baya'a, Senior Lecturer A, Pedagogic Supervisor, Head of ICT Center, Al-Qasemi Academic College of Education, Israel, Otman Jaber, Lecturer, Pedagogic Supervisor, Al-Qasemi Academic College of Education, Israel, Wajeeh Daher, Head of M.Teach Program in Graduate Studies, Al-Qasemi Academic College of Education, Israel & Ahlam Anabousy, Teaching and Research Assistant, Al-Qasemi Academic College of Education, Israel. Educating Mathematics Pre-service Teachers in Metacognitive Skills.
5. Stefan Britz, Lecturer, University of Cape Town, South Africa & Leanne Scott, Associate Professor, University of Cape Town, South Africa. Blended Learning Introductory Statistics – Lessons from Five Years of Application at the University of Cape Town in Context of a Socioeconomically Diverse Student Body.
6. Isaias Chairez Hernandez, Professor, Instituto Politécnico Nacional, CIIDIR Durango, Mexico. White-tailed Deer Sex Identification by Faecal DNA and Pellet Morphometry.
7. Stelios Georgiou, Associate Professor, RMIT University, Australia. Combining Robust Parameter Designs (RPDs) and Supersaturated Designs (SSDs).
8. *Apostolos (Paul) Giannakopoulos, Lecturer, University of South Africa, South Africa & Alfred Coleman, Chair of Department of Computer Science, University of South Africa, South Africa. Why the Power of Mathematics is Accessible to few and not to all Like Language? A Matter of Transitions from Concrete to the Abstract in Mathematical Thinking.
9. Samir Kadiric, Research Associate, University of Wuppertal, Germany. The Effects of Brexit on Sovereign Risk Premium in UK and Euro Area Member Countries.
10. Alan Ker, Professor, University of Guelph, Canada. A Generalized KS-Test. (*Monday*)
11. Arthur Korus, Research Associate, University of Wuppertal, Germany. Currency Overvaluation and R&D Spending.

12. *Chang-Yun Lin, Professor, National Chung Hsing University, Taiwan. Data-Driven Multistratum Designs with the Generalized Bayesian D-D Criterion for Highly Uncertain Models. (*Tuesday morning*)
13. Pei-Wan Liu, PhD Student, National Changhua University of Education, Taiwan & Erh-Tsung Chin, Associate Professor, National Changhua University of Education, Taiwan. How Taiwanese Junior High School Mathematics Teachers Learn Inquiry-Based Teaching via a Teacher Professional Learning Community.
14. Alexander Lubis, PhD Student, Cranfield University, UK and Bank Indonesia, Indonesia, Constantinos Alexiou, Associate Professor, Cranfield University, UK & Joseph Nellis, Deputy Director and Professor, Cranfield University, UK. Monetary Policy and Foreign Exchange Intervention in an Emerging Market: The Case of Indonesia.
15. Wei-ming Luh, Professor, National Cheng Kung University, Taiwan & Jiin-huang Guo, Professor, National Pingtung University, Taiwan. Sample Size Calculation with Cost Constraints for Testing the Superiority/Non-inferiority and the Equivalence of Two Poisson Means. (*Monday*)
16. *Kakoma Luneta, Associate Professor, University of Johannesburg, South Africa & Apostolos (Paul) Giannakopoulos, Lecturer, University of South Africa, South Africa. Problem Solving in Mathematics: Use of Teaching and Learning Theories versus the Psychology of Teaching and Learning Mathematics.
17. Chien Minfeng, Graduate Student, National Changhua University of Education, Taiwan & Erh-Tsung Chin, Associate Professor, National Changhua University of Education, Taiwan. The Study of Vee Map Tactics Integrated into Mathematics Teaching and It's Influence on the Eight Graders' Mathematical Proficiencies.
18. *Simiso Msomi, Lecturer, University of KwaZulu-Natal, South Africa. Movement of Exchange Rate and Expectations of Future Income.
19. *Ampalavanar Nanthakumar, Professor, State University of New York at Oswego, USA. A Comparison of Hierarchical and Vine Copulas. (*Monday*)
20. *Diarmuid O'Driscoll, Head of Department of Mathematics and Computer Studies, Mary Immaculate College, Ireland. Comparing Different Methodologies in Polynomial Data Fitting.
21. Segun Olarinoye, PhD Student, University of Ilorin, Nigeria & Teju Jolayemi, Professor, University of Ilorin, Nigeria. Ergodic Markov Chain: A Proper Marker for Identification of a Trait.
22. George Pantelopoulos, PhD Student, The University of Newcastle, Australia. A Redux of Monetary Mechanics in Currency Systems.
23. *Augustus Panton, PhD Candidate, Australian National University, Australia. Leaning Against the Wind via Finance-Neutral Output Gaps: Inflation Targeting and Financial Stability in an Open Economy.
24. *Debdatta Saha, Assistant Professor, South Asian University (SAU), India & Sunil Kumar, Professor, South Asian University (SAU), India. Efficiency of Production in an Industrially Backward Region: An Application of Two-Stage Network DEA.
25. *Melain Modeste Senou, PhD Student, Université Félix Houphouët-Boigny, Côte d'Ivoire. Financial Inclusion Dynamics in WAEMU: Was Digital Technology the Missing Piece.
26. *Jana Simakova, Assistant Professor, Silesian University in Opava, Czech Republic. The Exchange Rate as a Determinant of the Development of Foreign Trade in the Food Industry. (ECODEV)
27. Estelle Sommeiller, Researcher, Institut de Recherches Economiques et Sociales (IRES), France. Employment & Poverty in Southern Europe: When Measurement Matters.
28. Jesper Stage, Professor, Luleå University of Technology, Sweden. What are the Drivers of the Swedish Sustainable Development Path? New Evidence from Bayesian Dynamic Linear Models.
29. *Codruta Simona Stoica, Professor, Aurel Vlaicu University of Arad, Romania. Current Trends in the Approach of Evolution Equation.
30. Stella Stylianou, Senior Lecturer, RMIT University, Australia. Screening Designs under Model Uncertainty.
31. Chia-Hao Tsai, Graduate Student, National Changhua University of Education, Taiwan & Erh-Tsung Chin, Associate Professor, National Changhua University of Education, Taiwan. How Do Pupils Manipulate Teaching Aids to Solve Problems? An Example of Solving Fraction Problems.

32. *Silvester van Koten, Associate Professor, Vysoká škola ekonomická v Praze, Czech Republic. The Forward Premium in Electricity Markets: An Experimental Study.
33. Stefan Veldsman, Professor, Nelson Mandela University, South Africa. Where to Look for the Zeros of a Polynomial.
34. Peter Vranas, Professor, University of Wisconsin–Madison, USA. Natural Deduction for Sentential Pure Imperative Logic.
35. Ying Wu, Professor, Salisbury University, USA & Hong Yao, Professor, Salisbury University, USA. Does Foreign Import-Biased Growth Need to Hurt Advanced Economies? – More on International Effects of Growth. (ECOTRD) (*Tuesday afternoon*)
36. Maroussa Zagoraiou, Associate Professor, University of Bologna, Italy, Alessandro Baldi Antognini, Professor, University of Bologna, Italy & Marco Novelli, Adjunct Professor, University of Bologna, Italy. Limitations of Likelihood-based Asymptotic Inference in Response-Adaptive Clinical Trials for Treatment Comparisons. (*Monday afternoon or Tuesday*)

Attendees:

1. Panagiotis Ch. Anastasopoulos, Associate Professor, University at Buffalo, The State University of New York, USA.
2. Erh-Tsung Chin, Associate Professor, National Changhua University of Education, Taiwan.
3. Kelly Eller, Mathematics Instructor, Baylor School, USA.
4. Bodhisattva Sen, Associate Professor, Columbia University, USA.