



AQUER

Association for Quantitative Economic Research

MARCH 24-26, 2022
HAMMAMET, TUNISIA



THE 1ST CONFERENCE OF THE ASSOCIATION FOR QUANTITATIVE ECONOMIC RESEARCH

Program

Thursday 24 March, 2022

9h-10h: Registration

10h30-11h: Welcome opening

11h-12h: Guest speaker: Nicholas Apergis (webinar)

12h-12h30: Coffee-break

14h30-16h: Plenary session 1

16h30-18h: Parallel sessions 1, 2, 3

Friday 25 March, 2022

8h30-9h30: Guest speaker: Abdeljelil Farhat

9h45-11h15: Parallel sessions 4, 5, 6

11h15-11h45: Coffee-break

11h45-13h15: Plenary session 2

13h15-14h30: Lunch

14h30-16h: Plenary session 3

16h30-18h: Parallel sessions 7, 8, 9

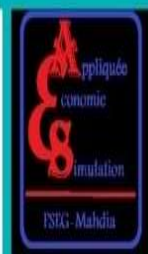
Saturday 26 March, 2022

8h30-10h: Parallel sessions 10, 11

10h30-12h: Plenary session 4

12h-12h30: Closing session

12h30-13h30: Lunch



Please visit the conference website
for more details: <http://aquer.org/>

Thursday 24 March 2022

Welcome opening	10:30-11:00	Nabeul room
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Co-chairs of AQuER-Conf'22: **Slim Ben Youssef** (University of Manouba), **Sahbi Farhani** (University of Sousse)

President of the University of Sousse: **Lotfi Belkacem**

Dean of Ecole Supérieure de Commerce de Tunis: **Kamel Naoui**

Guest speech 1 (webinar)	11:00-12:00	Nabeul room
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Guest speaker : **Nicholas Apergis** (University of Piraeus)
Recent Developments in Quantitative Research (Economics & Finance)

Coffee-break	12:00-12:30	
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Plenary session 1	14:30-16:00	Nabeul room
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Ilham Haouas (Abu Dhabi University), **Naceur Khraief** (University of Tunis):
Exploring the Time-Varying Casual Nexuses between Remittances and Financial Development in MENA Region

Houyem Chekki Cherni (University of Manouba):
Socio-Economic Impacts of Tax Reforms for Pension System: OLG-CGE Model Simulations for Tunisia

Chair: **Taicir Loukil** (University of Sfax)

Parallel session 1 (Energy & Environment)	16:30-18:00	Room Hammamet-1
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Maroua Chaouachi (University of Tunis), Daniel Balsalobre Lorente (University of Castilla-La Mancha):
Environmental strategies for achieving a new foreign direct investment golden decade in Algeria

Sana Ghorbal (University of Manouba)
Investigating the Interdependence between carbon dioxide emissions, fossil fuels, foreign direct investment, and patents: evidence for South Korean economy

Tarek Ghazouani (University of Tunis El Manar), Samir Maktouf (University of Tunis El Manar)
The impact of natural resources, trade openness and economic growth on CO2 emissions in oil-exporting: Analysis based on panel ARDL model

Imen Chaouali (University of Manouba), Mehdi Ben Jebli (University of Jendouba):
How Renewable Energy and Service Growth Cooperate with Environmental Quality: Evidence for Top Ten Service Value-Added Countries

Chair: **Mohamed Amara** (University of Tunis)

Discussants: **Mohamed Belhedi** (University of Sousse), **Sana Essaber** (University of Manouba)

**Parallel session 2
(Mathematics & Econometrics)**

16:30-18:00

Room Hammamet-2

Oumayma Melki (University of Carthage)

Vertical differentiation and internationalization strategy

Donatien Malala (University of Kinshasa)

Estimating the size of informal economy through diophantine equations

Chokri Aoui (University of Sousse), **Wiem Ben El Hadj Said** (University of Sousse)

The bright(er) side of supplier encroachment when network externalities and expectations matter

Slim Guessoum (University of Sousse)

The Augmented ACD models

Chair: **Rihab Bedoui Ben Salem** (University of Sousse)

Discussants: **Lamia Rouached** (University of Tunis), **Mouna Ben Brahim** (University of Manouba)

Parallel session 3 (Finance & Banking)

16:30-18:00

Nabeul room

Essahbi Essaadi (University of Manouba), Haykel Hamdi (University of Manouba), Hamza Jbali (University of Manouba)

Optimization of a crypto-currency portfolio: The CVaR model VS spectral analysis

Syrine Ben Romdhane (University of Tunis), Khaoula Kenzari (University of Tunis EL MANAR)

The Determinants of the Volatility of Non-Performing Loans of Tunisian Banks: Revolution versus COVID-19

Cyrine Khiari (University of Manouba), Imen Khanchel (University of Manouba)

The impact of FinTech on the social performance and financial performance of MFIs

Nadia Ouertani Abaoub (University of Manouba), **Mohamed Wael Ben Khaled** (University of Manouba)

Political power, economic freedom and performance in the Tunisian banking sector: literature and empirical validations

Chair: **Wissem Daadaa** (University of Nabeul)

Discussants: **Mongi Gharsellaoui** (University of Manouba), **Lotfi Taleb** (University of Tunis)

Friday 25 March 2022

Guest speech 2	8:30-9:30	Nabeul room
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Guest speaker: **Abdeljelil Farhat** (University of Monastir), Jean-Marie Dufour (McGill University)

Exact K-Sample tests for continuous and discrete distributions

Parallel session 4 (Economic Policy & Economic growth)	09:45-11:15	Room Hammamet-1
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Manel Zribi (University of Sfax)

The impact of human development on the evolution of COVID-19: Statistical and neuronal analysis

Ayda Belgacem (University of Sousse), Ali Sidaoui (University of Carthage)

The Relationship between public expenditure and national income: the case of Tunisia 1965-2019

Nandita Dasgupta (University of Maryland Baltimore County)

Impact of FDI on Income Inequality: A Study for India

Mohamed Belhedi (University of Sousse), **Nourhen Baaziz** (University of Sousse)

Informal Sector, Financial Development, and Inclusive Finance in African Countries: Empirical Evidence

Chair: **Akri Ben Salah** (University of Manouba)

Discussants: **Naceur Khraief** (University of Tunis), **Houyem Chekki Cherni** (University of Manouba)

Parallel session 5 (Risk and Banking)	09:45-11:15	Room Hammamet-2
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Mohamed Imen Gallali (University of Manouba), **Imen Jebali** (University of Manouba)
The determinants of liquidity risk in European banks: a panel data analysis

Islem Kedidi (University of Sousse), Rihab Bedoui (University of Sousse), Faysal Mansouri (University of Sousse):

Optimal reinsurance with multiple dependent Risks

Maali kachouri (University of Sousse), Rakia Riguen (University of Sfax)

Does board gender diversity affect sustainability performance in Malaysian firms? The role of top executive gender

Wided Labidi (University of Manouba), Sami Mensi (University of Manouba)

Income diversification and bank stability: The threshold effects from the MENA region

Chair: **Naima Lassoued** (University of Manouba)

Discussants: **Haykel Hamdi** (University of Manouba), **Rakia Riguen** (University of Sfax)

Parallel session 6 (Applied statistics)	9:45-11:15	Nabeul room
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Mouna Ben Brahim (University of Manouba)
A stochastic R&D game with input spillovers and absorptive capacity

Sana Essaber (University of Manouba)
LMDI Decomposition of energy-related CO2 emissions in Tunisia

Youssra Ben Romdhane Loukil (University of Sfax), Souhaila Kammoun (University of Sfax), **Imen Ouerghi** (University of Manouba)
Greenfield FDI Determinants in the MENA Region: An Empirical Analysis Using Dynamic Panel Data Model

Sahar Khalil (University of Tunis), **Fedya Telmoudi** (University of Gabes)
Empirical evidence on site selection for Tunisian bank branches' implementation

Chair: **Hassen M'Zali** (University of Carthage)
Discussants: **Lamia Rouached** (University of Tunis), **Hammadi Sliti** (University of Tunis)

Coffee-break	11:15-11:45	
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Plenary session 2	11:45-13:15	Nabeul room
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Houda Ben Mabrouk (University of Sousse), Imen Belabed (University of Sousse)
Does the global financial crisis affect the dynamics of corporate capital structure? Evidence from G7 and GCC firms

Lotfi Taleb (University of Tunis), Béchir Ben Lahouel (IPAG Business School)
The relationship between corporate green investment and financial performance: an instrumental variable panel quantile regression approach

Chair: **Imen Khanchel** (University of Manouba)

Lunch	13:15-14:30	
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Plenary session 3	14:30-16:00	Nabeul room
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Riadh Aloui (University of Tunis), Sami ben Jabeur (ESDES Business School of UCLyon), Salma Mefteh-Wali (ESSCA School of Management)
Tail-risk spillovers from China to G7 stock market returns during the COVID-19 outbreak: A market and sectoral analysis

Abdelhakim Hammoudi (University of Paris-Saclay), **Lamia Rouached** (University of Tunis), Maria Angela Perito (University of Teramo)
Heterogeneity of food safety standards and exporters' strategies: what conditions for the integration of developing country producers into international trade?

Chair: **Amir Aboubacar** (University of Liege)

Parallel session 7 (R&D and competition)	16:30-18:00	Room Hammamet-1
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Lamia Adili (University of Manouba)

The effect of Scientific Research on Economic Growth: An Empirical Analysis for the Case of the Arab Maghreb Union Countries

Sami Debichi (University of Manouba), **Walid Hichri** (University of Lyon)

Modeling of C.T.P.C and Cost Structure in Tunisian Mobile Market

Yosra Mahou Kilani (University of Manouba):

The influence of Research and Development, Renewable and Non-Renewable Energy and Petrol Price on Carbon Emission in the US: A panel data model with cross-section dependence

Lamia Adili (University of Manouba)

The determinants of research output: A panel data analysis for the Arab Maghreb Union (AMU)

Chair: **Riadh Aloui** (University of Tunis)

Discussants: **Mohamed Hedi Ben Hadj Mbarek** (University of Sousse), **Imen Ouerghi** (University of Manouba)

Parallel session 8 (Accounting & Corporate Governance)	16:30-18:00	Room Hammamet-2
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Rim Ouaz (University of Sousse)

The ICSQ effect on discretionary accruals: Evidence from listed French firms

Chokri Aloui (University of Sousse), **Chadha Raies** (University of Sousse)

Comparaison des recettes fiscales d'un gouvernement Léviathan dans un marché biface : le rôle des anticipations

Ezahra Souguir (University of Manouba), **Mohamed Khaled Ghazzi** (University of Sousse)

Do corporate governance mechanisms reduce investors' uncertainty?

Amal Massoudi (University of Manouba)

The impact of gender diversity on firm stability during the COVID-19 pandemic

Chair: **Houssam Bouzgarrou** (University of Sousse)

Discussants: **Awatef Ourir** (University of Manouba), **Achraf Kharrat** (University of Manouba)

Parallel session 9
(Energy & Environment)

16:30-18:00

Nabeul room

Mohamed Hedi ben Hadj Mbarek (University of Sousse), **Imen Gam** (University of Sfax)

Does the impact of crude oil, natural gas and bitcoin on the US equity market have been deformed due to COVID Pandemic? Evidence from PLS regression

Lamia Soltani (University of Manouba)

Exploring the relationship between meat export, carbon dioxide emissions, livestock production index, and renewable energy: the case of Argentina

Nidham Ghazouani (University of Jendouba), Tarek Ghazouani (University of Jendouba), **Assaad Ghazouani** (University of Jendouba)

La taxe carbone et Le système d'échanges de quotas d'émissions (ETS) : une analyse de la performance des deux mécanismes

Chair: **Nadia Abaoub Ouertani** (University of Manouba)

Discussants: **Mehdi Ben Jebli** (University of Jendouba), **Sahbi Farhani** (University of Sousse)

Saturday 26 March

Parallel session 10
(Economic Policy & Economic growth)

08:30-10:00

Room Hammamet-1

Maryem Abdennadher (University of Sousse), Anis Bouabid (University of Sousse), Christian de Peretti (Université de Lyon)

Les Disparités Socio-économiques et Régionales de la Fécondité en Tunisie: Une approche par l'économétrie spatiale

Nidhal Mgadmi (University of Monastir), Wajdi Moussa (University of Tunis), Azza Béjaoui (University of Tunis), Tarek Sadraoui (University of Monastir), **Afef Gachaoui** (University of Sousse)

Revisiting the Nexus between Digital Economy and Economic Prosperity: Evidence from a Comparative Analysis

Rajab Bouzayani (University of Sfax)

Complementary relationship between foreign direct investment, human capital and economic growth: State of the 15 least developed African countries

Salwa El Choukett (University of Sfax)

Modélisation de la taille optimale des dépenses publiques pour le cas de la Tunisie (1970-2017): approche par la courbe ARMEY(1995)

Chair: **Sami Mensi** (University of Manouba)

Discussants: **Hatem Jemmali** (University of Manouba), **Radhouane Hasni** (University of Manouba)

Parallel session 11 (Financial Markets)	08:30-10:00	Nabeul room
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Soumaya Saidi (University of Manouba):

On the relationship between institutional quality and bank performance: Empirical evidence for Tunisian Banks

Farah Nasri (University of Tunis), **Salim Ben Sassi** (University of Tunis)

Aspects of socially responsible investment and its importance in the financial framework

Bassem Ghorbali (University of Manouba), **Kamel Naoui** (University of Manouba)

Do gold act as a safe haven and hedge for G7 stock markets? A comparative assessment between COVID-19 versus Global Financial Crisis (GFC)

Houssemeddine Jlassi (University of Manouba), **Haykel Hamdi** (University of Manouba)

Spillover effect of returns and volatility between cryptocurrencies and American stock market index S&P500

Soumaya Saidi (University of Manouba):

On the relationship between institutional quality and credit risk: Empirical evidence for Tunisian Banks

Chair: **Salim Ben Sassi** (University of Tunis)

Discussants: **Syrine Ben Romdhane** (University of Tunis), **Fedya Telmoudi** (University of Gabes)

Plenary session 4	10:30-12:00	Nabeul room
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Amir Aboubacar (University of Liege)

Employment distribution and identification of business subcenters in a Metropolitan area

Hatem JEMMALI (University of Manouba), **Rabeh MORRAR** (An-Najah National University), **Fernando RIOS-AVILA** (Levy Economics Institute of Bard College)

On Decomposing the Changes in Wage Inequality in Palestine over Time

Chair: **Mohamed Salah Matoussi** (University of Tunis El Manar)

Closing session	12:00-12:30	Nabeul room
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Lunch	12:30-13:30	
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