

November 23, 2022

09:00
GMT+1

Welcome
conference

Room 1

[https://zoom.us/meeting/register/tJAucemvqzIjE9DX1B-d_N53gBFPV2Rq-WCKr](https://zoom.us/join/91512345678)

Sudeendra Koushik, VP Conferences IEEE TEMS
Mourad Oubrich, General Chair
Armando Papa, General Co-Chair
Manlio Del Giudice, General Co-Organizer

09:30
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Keynotes

Room 1

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Keynote ICTMOD 1 : AI and humanism
Vincent Dutot, Professor, Ecole de Management
Normandie, France
Chair : Seifedine Kadry

11:00
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Keynote ICTMOD 2 : Embracing digital disruption
Christopher Tucci, Professor of Digital Strategy and Innovation,
Imperial College Business School, UK
Chair : Malick Ndiaye

Room 2

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14 :00
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Web-sessions

WEB-SESSION 1

Sustainability

Chairs : Insaf Khelladi (Lead), Assunta Di Vaio, Rosa Palladino

- Identifying Synergies and Barriers to the Adoption of Disruptive Technologies for Sustainable Societies - An Innovation Ecosystem Perspective

Matteo Spinazzola; Veronica Scuotto; Nicola Farronato; Marco Pironti

- Water and Energy Optimization in a Sustainable Greenhouse

Haneen Abdelrhman; Salma Alameldin; Zainab Al Lami; Tamara Darayseh; Malick Ndiaye

- Renewable energy communities and Degrowth: participative governance for energy management

Simone Gibellato, Lea Iaia, Fabio Fiano, Antonio Usai

- Sustainability value and firm value: real strategies or communication?

Francesco Martielli, Antonio Salvi, Enrico Battisti, Jaroslav Belas

Room 2

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WEB-SESSION 2

Data Science and Analytics

Chairs : Scott Cunningham (Lead), Cristian Di Prima, Ouarda Dsouli

- Understanding Business Analytics: Characteristics and Archetypes

Jonas Müller; Guenther Schuh; Brian Nahr; Gerrit Hoeborn; Volker Stich

- Decision Making Using Analytical Hierarchy Process: A Pre-liminary Study of Scientific Journal Selection for Publication

Therdpong Daengsi; Montarat Rungruangthum; Phisit Pornpongtechavanich; Pongpisit Wuttidittachotti

- Customizing and Deploying Data Science Roadmapping: A Case Study of an Oil and Gas Company

Kerem Kayabay; Mert Onuralp Gökalp; Ebru Gökalp; Serhat Murat Alagöz; P. Erhan Eren; Altan Koçyiğit

- Heuristic-Based Simulation Model for Traveling Salesman with Time-Limit Constraints

Mojahid F Saeed Osman

- Predicting Insurance Churn to Reduce Clawback

Dillon Goordeen; Nirvan Sharma; Patrick Hosein

16 :00
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Web-sessions

November 24, 2022

09:00
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Web-sessions

Room 2

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WEB-SESSION 3

Blockchain, NFT and Metaverse

Chairs : Robert Bierwolf (Lead), Canio Forliano

- Unveiling NFTs from Business Model Innovation Perspectives
Insaf Khelladi; Sylvaine Castellano; Nizar GHAMGUI; Rossella Sorio; Valentin Doucet
- How CMO are reacting to Blockchain, NFT and Metaverse the case of SIAE - Italian Society of Authors and Editors
Giulia Nevi; Luca Dezi
- Blockchain and Metaverse For Peer-to-peer Energy Marketplace: Research Trends and Open Challenges
Md Moniruzzaman; Yassine Abdulsalam; Rachid Benlamri

11:00
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Web-sessions

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WEB-SESSION 4

Digitalisation and SCM 4.0

Chairs : Domitilla Magni (Lead), Edoardo Crocco, Augusto Bargoni

- Role of IoT in Enhancing Supply Chain Collaboration
Afef Saihi; Mohamed Ben Daya; Rami As'ad
- Optimization of Hybrid Truck-Drone Delivery Systems: A bibliometric analysis
Batool Madani; Malick Ndiaye
- A New Age for Plant Maintenance: Making use of Augmented Reality to Improve Maintenance of Production Assets
Andrea Bondin; Joseph Zammit
- Min/Max Ordering Policy for Repairable Items Inventory Systems : A Simulation-based Model
Mojahid F Saeed Osman

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Keynotes

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Keynote ICTMOD 3 : Mechanisms of innovation systems
Scott Cunningham, Professor, University of Strathclyde, UK
and Editor In Chief of Technology Forecasting and Social
Change

Chair : Robert Bierwolf

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Room 2

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Keynote ICTMOD 4 : Event intelligence for R&D and
innovation

Jonathan Calof, University of Ottawa

Chair : Andrejs Cekuls

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Web-sessions

Room 2

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WEB-SESSION 5

Digital transformation

Chairs : Gabriele Baima (Lead), Wafa Elgarah, Daniele
Giardino

- Seeing Is Believing? Trust Cues and Consumer Involvement
in Online Reviews

Caroline S. L. Tan

- Travel Influencers in Digital World - Tourists matter to you.
A Qualitative Study to explore Digital Tourism

Asha Thomas; Vikas Arya

- Unravelling Software Selection: A Study on Adoption and
Effects

**Tyron Offerman; Joost Visser; Christoph Johann Stettina;
Yorick van der Vorm**

- Success factors for Company-Community-Collaboration in
Open-Source Hardware Development facilitated by Makerspaces

Ina Peters; Margit Hofer; Thomas Maximilian Gloss; Rainer Stark

- Quantifying Digital Accountability Model for Islamic Philanthropic Organisation : An Extended Maqashid-Based Approach

Syarifah Nurmayana Lubis; Ratna Mulyany; Heru Fahlevi; Teuku A. Geumpana; Aida Yulia

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WEB-SESSION 6

Knowledge Management

Chairs : Armando Papa (Lead), Nicola Farronato, Massimiliano Farina Briamonte

- Prioritizing Human Participant Concerns for Medical CPHS : An empirical study

Mara Nikolaidou; Christos Kotronis; Cleopatra Bardaki; Dimosthenis Anagnostopoulos

- Ontology-based communication service for multi-stage production processes

Aleksandra Mueller; Vincent Hütsch; Simon Storms; Werner Herfs

- Construction and Application of Knowledge Graph for railway rolling stock failure tree

Zaynabe Ragala; Asmaâ Retbi; Samir Bennani

- Technological turbulence and innovation performance: mediating role of absorptive capacity in Industrial SMEs

Abdeslem Hassani; Hussam Al Halbusi; Ouissale El Gharbaoui

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Web-sessions

15:00
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WEB-SESSION 7

Education Transformation

Chairs : Valentina Cillo (Lead), Fabio Fiano, Enrico Battisti

- Analyzing The Impact of COVID-19 on the Moroccan Job Market by Mining Job Ads

Ibrahim Rahhal; Imane Khaouja; Kathleen Carley; Kassou Ismail; Nada Sbihi



- Predicting Student Examination Performance to improve Remedial Programs
Odion M Hillocks; Patrick Hosein
- Smart (Active) Learning effectiveness in Higher Education: A research approach proposal
Manuel De Nicola; Umair Anees; Anna Maria Maurizi

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WEB-SESSION 8
Innovation Management
Chairs : Francesco Caputo (Lead), Veronica Scuotto, Francesco Perotti

- Decision Management in Major Projects : A Case of Organizational Learning
Robert Bierwolf; Pieter Frijns
- How sensitive is the financial market to potential signals companies?
Sahut Jean-Michel; Niaz Kammoun
- It pays to take care of employees: how CSR towards employees increases green innovation in tourism sector
Zina Abrini; Jacob Guinot Reinders; Ricardo Chiva Gómez; Inmaculada Beltran Martín
- Employment Stakeholder Analysis using Social Network Analysis in Morocco
Ibrahim Rahhal; Kathleen Carley; Kassou Ismail
- The mediating role of R&D investments in the relationship between awarded grants and ESG performance
Canio Forliano; Jacopo Ballerini; De Bernardi Paola; Roberto Quaglia

18:30
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End of the conference

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Best paper 2022
Closing IEEE ICTMOD 2022