

Monday, 02 Sep

- 8:00 - 9:00 Registration (all day)
Room: Arts Center Gallery
- 9:00 - 9:10 Opening Remarks - Welcome
Chair: George Kokosalakis & Nikos Bakas
Room: 7th Level Auditorium
- 9:10 - 10:00 Keynote Speech by Constantino Roselli; Title: From Citizens to Netizens – How We Build Future Sustainable Societies Using the Avatar Economy
Chair: Nikos Bakas & George Kokosalakis
Room: 7th Level Auditorium
- 10:00 - 10:20 Break session
Room: Arts Center Gallery
- 10:20 - 11:50 Artificial Intelligence track - Session 1
Chair: Ioannis Christou
Room: Arts Center Auditorium
- 10:20 Transforming Education with AI and Robotics: Potential, Perceptions, and Infrastructure Needs
Marina Vasou, Georgios Kyprianou, Angelos Amanatiadis, Savvas Chatzichristofis
- 10:50 AI Chatbots for Sustainability in Education: The Case of the Lebanese Higher Education Sector
Nahil Kazoun, Angelika Kokkinaki, Charbel Chedrawi, Souheir Osta
- 11:20 Comparing Traditional Book Wisdom with Large Language Model's Guidance on Time and Stress Management
Sarthak Giri, Harri Oinas-Kukkonen
- 10:20 - 11:50 Metaverse, Games and Immersive Technologies track (Session 1)
Chair: Marinos Themistocleous
Room: AC001
- 10:20 Co-designing virtual reality-based solutions to promote the United Nations Sustainable Development Goals
Kalliopi Evangelia Stavroulia, Marina Emmanouil, Andreas Lanitis
- 10:50 An Approach to Sustainable Energy Management in IoV Using Blockchain and the Metaverse
Evgenia Kapassa, Marios Touloupou
- 11:20 The Importance of Studying Tabletop Games for Computer Game Design Courses
Ioannis Vetsikas
- 11:50 - 12:10 Coffee Break
Room: Arts Center Gallery
- 12:10 - 13:40 Artificial Intelligence track - Session 2
Chair: Savvas Chatzichristofis
Room: Arts Center Auditorium
- 12:10 Intelligent Cyber Defense: Leveraging LLMs for Real-Time Threat Detection and Analysis
Elena Kakoulli, Salomi Evripidou, Eleftherios Zacharioudakis

- 12:40 Smart List: A User-Based Collaborative Filtering System for Grocery List Creation
Aristotelis Manios, Ioannis Vetsikas
- 13:10 A Lightweight Predictive Maintenance Strategy for Marine HFO Purification Systems
Alexandros Kalafatis, Nikolaos Stamou, Alkmini Dailani, Theodoros Theodoridis, Anastasios Giannopoulos, Nikolaos Nomikos, Nikolaos Tsoulakos, Georgios Alexandridis, Panagiotis Trakadas

12:10 - 13:40 Metaverse, Games and Immersive Technologies (Session 2)

Chair: Ioannis Vetsikas

Room: AC001

- 12:10 Ethical and Legal Challenges of NFTs and the Metaverse in the UAE: A Systematic Literature Review
Ahmad Alsuwaidi, Irene Dondjio
- 12:40 Exploring the Influence of Artificial Intelligence on Building Metaverse Virtual Economy: A Systematic Literature Review
Mikaella Neirou, Marinos Themistocleous
- 13:10 Transforming Project Management Education with Immersive Technologies in Education 5.0.
Favour Aladesuru, Laden Husamaldin, Parisa saadati, Ikram Rehman

13:40 - 14:30 Lunch Break

Room: Arts Center Gallery

14:30 - 16:00 Smart Cities

Chair: Angeliki Kokkinaki

Room: AC001

- 14:30 Digital Innovation Adoption Challenges Within Local Governments in Public Engagement
Aliano Abbasi, Muhammad Kamal
- 15:00 UWB system for frequent positioning of moving objects
Krzysztof Paszek
- 15:30 Systematic Literature Review on Smart Marine Environments: Integrating Autonomous Sensor Networks in Coastal Cities
Annamaria Souri, Angelika Kokkinaki

14:30 - 16:00 Artificial Intelligence track - Session 3

Chair: Ioannis Christou

Room: Arts Center Auditorium

- 14:30 Enhancing User Experience in Automated Systems Using Aspect-Based Sentiment Analysis
Parisa Saadati, Laden Husamaldin, Favour Aladesuru, Jose abdelnour-nocera
- 15:00 Energy Load Forecasting Empowered By Variational Diffusion Models
Christos Spyridon Koulouris, Sofia Maria Efstratiadou
- 15:30 Artificial Intelligence Use and Potential within Project Management
S.M.D. Vishmi Tharangi Senarath, Lasse Berntzen

16:00 - 16:20 Break session

Room: Arts Center Gallery

16:20 - 18:05 General track (Session 1)

Chair: Evgenia Kapassa

Room: Arts Center Auditorium

- 16:20 A Systematic Literature Review on the Psychological Ramifications of Working from Home Model for Software Engineers
Christiana Vellianiti, George Kakarontzas, Evangelia Kotrotsiou
- 16:45 Examining E-learning Adoption for Professional Development: a Case Study with MOOC Users
Angelika Kokkinaki, Luciana Chaanine, Anna Mavroudi
- 17:10 Optimizing self-consumption algorithms for enhanced grid feed-in from renewable sources
Krzysztof Hanzel

17:35 Comparing Competing Approaches to Crowdsourced Classifications of Biological Species
Yiftach Nagar, Weaam Shaheen, Ofer Arazy

16:20 - 18:05 **Advanced topics in IS research**

Chair: Ioannis Karamitsos

Room: AC001

16:20 Enhanced Cardiovascular Disease Prediction Through a Semi-Supervised Grey Ensemble Model
Annweshha Banerjee Majumder, Somsubhra Gupta, Dharmal Singh, Biswaranjan Acharya, Vassilis C. Gerogiannis, Andreas Kanavos, Ioannis Karamitsos

16:50 Solution Approach for asset integration in federated ecosystems
Henning Berg, Cansu Tanrikulu, Erik Paul Konietzko, Sonika Gogineni

17:20 Cloud Meta-Services: an Ontological Contribution
Rasha Makhlouf, Wieslaw Wasilewski, Matthias Nattke

18:05 - 18:15 **End of sessions for day**

18:15 - 22:00 **Social Event**

Room: The bus is departing at 18:15 from American College Greece

Tuesday, 03 Sep

8:30 - 9:00 Registration 8:30 AM - 4:00 PM
Room: Arts Center Gallery

9:00 - 11:00 Management Information Systems track - Session 1
Chair: Kokkinaki Angeliki
Room: Arts Center Auditorium

9:00 Individualizing Software Production: Bringing Work back into Microsourcing Practices
Katerina Voutsina

9:30 Convergence of Business and their Processes: A Data Analytics Approach
Cristiana Vieira, Vânia Sousa, Maribel Yasmina Santos, *António Vieira*

10:00 Organizational Culture Values for a Successful Digital Transformation: A Systematic Literature Review
RYAN ADHITYA NUGRAHA, Lazar Rusu, Erik Perjons

10:30 Application of Machine Learning for Resource Management in Intent-Based Networks
Dariusz Gąsior

9:00 - 11:00 Information Systems Security and Information Privacy Protection and Trust Management
Chair: Andreas Skalkos
Room: AC001

9:00 Modification of user behavior towards the use of privacy-preserving search engines: Insights from an experiment on privacy.
Andreas Skalkos, Spyros Kokolakis

9:30 Towards a Three-Tiered Framework for Fostering Organizational Cybersecurity Culture
Meseret Assefa Adamu, Marko Ilmari Niemimaa, Paolo Spagnoletti

10:00 ExpLEA-AIner: Proposition and Development of the Model-Driven Approach to Incorporating Explainable AI in Network Intrusion Detection Systems for Law Enforcement Agencies
Marek Pawlicki, Aleksandra Pawlicka, Sebastian Szelest, Mikołaj Komisarek, Rafał Kozik, *Michał Choraś*

10:30 Ambiguity Function as a Network Intrusion Detection Indicator
Dimitris Sklavounos, *Spiros Chountasis*, Dimitrios Pappas

11:00 - 11:30 Coffee Break
Room: Arts Center Gallery

11:30 - 13:00 Management Information Systems track - Session 2
Chair: Katerina Voutsina
Room: Arts Center Auditorium

11:30 LEVERAGING VOICE ASSISTANTS FOR MANAGERS
Joerg H. Mayer, *Mathias Muench*, Reiner Quick, Kai-Peter Menck

12:00 Factors limiting the benefits of the Scrum framework - What years of cumulative Scrum practice by Professional Scrum Trainers teaches us about business difficulties
Théo Moussaoui, *Deneckere Rébecca*

12:30 Disruption of Norms: A Conceptualised Antecedent of UTAUT
Aragaw Demissie Moges, Marcia Mkansi, Anthea Amadi-Echendu

11:30 - 13:00 Blockchain track**Chair: Marinos Themistocleous****Room: AC001**

11:30 Blockchain Adoption in The Financial Sector of The MET Region: Enablers and Barriers
Mostapha Chami, Soulla Louca, Charbel Chedrawi

12:00 Assessing the Emergence of Central Bank Digital Currencies: A Systematic Literature Review
Dennis Blatt

12:30 Blockchain from the angle of technology managers. Insights deriving from literature.
Nikolaos Feloutzis, George Lekakos

13:00 - 14:00 Lunch Break**Room: Art centre Gallery****14:00 - 15:30 Classical and Emerging Digital Governance – The Artificial Intelligence Era Track (Session 2)****Chair: Charalambos Alexopoulos****Room: AC001**

14:00 From document-centric to data-centric paradigm shift by employing Event Centric Knowledge Graphs: the Diavgeia.gov.gr case
Dimitris Zeginis, Konstantinos Tarabanis

14:25 Investigating Actors and Infrastructure in Open Data Ecosystems (ODEs): A conceptual model
Mohsan Ali, Shefali Virkar, Charalambos Alexopoulos, Yannis Charalabidis

14:50 Information Security Success Perception: The Role of Response Cost
Mariusz Grabowski, Robert Pająk, Adam Sagan

15:15 Digital Government Policies for Supporting Startups and Entrepreneurs
Athanasios Davalas, Anna Angelaki

14:00 - 15:30 Management Information Systems track - Session 3**Chair: Katerina Voutsina****Room: Arts Center Auditorium**

14:00 A Sociotechnical Perspective from Managers on Current Predictive Analytics Systems
Joerg H. Mayer, Philip Wolz, Reiner Quick, Kai-Peter Menck

14:30 Leading Hybrid Virtual Teams: An Exploratory Qualitative Study
Isabelle BOUISSE-BLOIGU, Petros Chamakiotis

15:00 Comparative Evaluation of Cybersecurity Maturity Models and Frameworks
Konstantinos Papachristofis, George Vardoulis, Konstantinos Vavousis

15:30 - 16:00 Break session**Room: Arts Center Gallery****16:00 - 17:30 Classical and Emerging Digital Governance – The Artificial Intelligence Era Track (Session 1)****Chair: Charalambos Alexopoulos****Room: AC001**

16:00 Barriers to Digital Transformation in Public Organizations: A Case Study of a Greek Public Organization
Erotokritos Chairistanidis, Lazar Rusu

16:30 Addressing Development Dilemmas Collectively: Harnessing the Wisdom of the Crowd through AI-enhanced Digital Platforms
Shaghayegh shirkhani, Christine Große

17:00 Methodologies for Open Data Initiatives Assessment: A Comparative Review
Demetrios Sarantis

16:00 - 17:30 Management Information Systems track (Session 4)**Chair: Spyros Lavdas****Room: Arts Center Auditorium**

- 16:00 The role of Enterprise Resource Planning systems in the digital transformation journey of businesses
Timoleon Farmakis, George Papanikolaou, George Doukidis
- 16:30 Revolutionizing Data Privacy: The ENCRYPT Project's Innovations and Applications
Stelios Erotokritou, Ioannis Giannoulakis, Emmanouil Kafetzakis, Ettore Etenzi, Sotiris Diamantopoulos, Giovanni Mazzeo, Salvatore D'Antonio, Jean-Paul Bultel, Athanasios Stratikopoulos, Angelos Papoutsis, James Lloyd, Georgios Meditskos, Vincenzo Napolitano, Konstantinos Kaltakis
- 17:00 On the Analysis of EGaln Liquid Antenna Array: Towards Enhanced Performance and Adaptability in Wireless Communication Systems
Spyros Lavdas, Constantinos Papadias, Muhammad Tariq

17:30 - 17:40 End of EMCIS 2024