

# EAMMIS 2021

March 19-20, 2021

Hybrid venue



## Conference Schedule

Schedule Summary	Zoom Session Access:
<ol style="list-style-type: none"><li>1. Conference registration starts from 7 AM</li><li>2. Day 1 (Mar 19, 2021): entails 3 keynote speakers followed by parallel session 1 – 6 (day 1 – Mar 19, 2021), and session 7 - 10 sessions until 2:25 PM (day 2 – Mar 20, 2021)</li></ol>	<ol style="list-style-type: none"><li>1. Each confirmed conference participant will receive 2 emails, one on Friday, Mar 19, 2021, and the second on Saturday, Mar 20, 2021.</li><li>2. Participants are required to separately register for each of the two days' sessions, i.e., Friday, March 19, 2021, and Saturday, March 20, 2021. When a participant will first register s/he will be receiving a Zoom link, for that day.</li><li>3. Participants can attend different tracks on different Zoom breakout rooms.</li></ol>
<p><b>NOTE*</b> If any participant has not receive a Zoom registration link, by Thursday Feb 18, 2021, midday, please contact <a href="mailto:info.eammis@gmail.com">info.eammis@gmail.com</a> – EAMMIS 2021 conference chairs and <a href="mailto:imu.eammis@gmail.com">imu.eammis@gmail.com</a> – Zoom Access support team from host university.</p>	

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### ORGANIZERS



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# EAMMIS 2021 Welcome note

On behalf of Bridges Foundation and Istanbul Medeniyet University, we are honored to welcoming you to the European, Asian, Middle Eastern, North African Conference on Management & Information Systems (EAMMIS) 2021 “Artificial Intelligence systems and the Internet of Things in the digital era”.

EAMMIS 2021 organizing committee decided to adopt the model of hybrid conferences as part of its social responsibility toward the participants and the society to reduce the spread of COVID19.

The conference theme revolves around Five tracks:

- 1- Innovation in the digital era.
- 2- Industry 4.0 management for sustainable technologies.
- 3- Utilization of Blockchain, DLT, and Fintech for AI and IoT in the digital eras.
- 4- Role of cybersecurity and privacy with regards to AI.
- 5- IoT, and fifth industrial revolution

Our conference program is rich and varied with six keynote speakers, followed by several intellectual contributions presented with the just mentioned five tracks. We also expect to provide selected participants from this conference an opportunity to extend their papers, giving them a chance to be invited to one of special issues tagged with the conference. Furthermore, the EAMMIS 2021 assumes to take this platform to announce on its date the whereabouts for the next EAMMIS 2022 as well as the associating bodies which are bound to bring this conference and its stakeholders to achieve greater heights.

We recognize that the success of the conference eventually depends on all the stakeholders who contributed to the planning, organizing, marketing of the program, as well as those who were performing the quality of the review processes that made the conference of an international standard, as well as the hosting and organizing bodies which made this conference EAMMIS 2021 in an international ecosystem. We particularly would like to sincerely thank the conference co-chairs, the conference executive committee members, and the entire board of 64 program committee members, since sincere recognition goes to them for believing in the success of EAMMIS, contributed to the review processes, and upheld the vision of the EAMMIS 2021 organizers and conference chairs. We sincerely are grateful for their advices and particularly those who may not be on our EAMMIS committee but directly and indirectly facilitate us step-by-step in making the EAMMIS dream in a reality that upholds international conference standards. We really have appreciated the brilliant suggestion on organizing the technical program, the conference website, and the review processes, particularly from the members of the conference executive committee. We also would wholeheartedly like to thank the sponsors of the EAMMIS 2021 conference for believing in and supporting the conference.

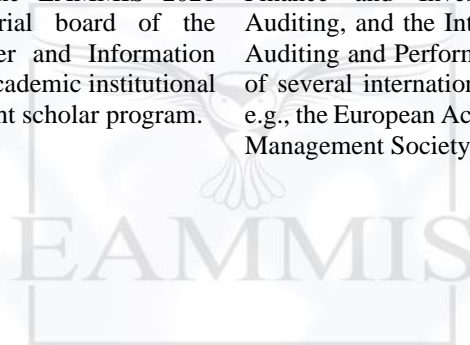
EAMMIS Conference chairs



Anjum Razzaque, Ph.D: an American and British educated academic. Asst. Prof., Ahlia University, Bahrain. His research centers on Information Systems with implications in Knowledge Management, FinTech, Internet of Things, Artificial Intelligence, Supply Chain Management and E/M learning, visible as journal/conference papers, edited books, and book chapters. Anjum serves as guest editor in various special issues, is now the editor for the EAMMIS 2021 proceedings, and on the editorial board of the International Journal of Computer and Information Technology. He has also won academic institutional grants and fellowship, e.g., Fulbright scholar program.



Abdalmuttaleb M.A. Musleh Al-Sartawi chairs the Accounting, Finance, & Banking Dept., chair/editor of 2 international conferences (EAMMIS & ICGER), editor-in-chief of the International Journal of Electronic Banking. Has published several conferences and journals manuscripts and served as guest editor/member in various journal and conference editorial boards and technical committees, e.g., Journal of Sustainable Finance and Investment, Journal of managerial Auditing, and the International Journal of Accounting, Auditing and Performance Evaluation. He is a member of several international organizations and associations e.g., the European Accountants Association, the Bahrain Management Society, etc.



EAMMIS 2021 Conference Schedule			
Day One - March 19, 2021			
Istanbul time zone			
7:00 AM – 9:00 AM	Conference Registration		
9:00 AM – 9:10 AM	Opening Remarks: Conference Chairs: <ul style="list-style-type: none"><li>• Dr. Anjum Razzaque, Asst. Prof., Ahlia University, Bahrain.</li><li>• Dr. Abdalmuttaleb Al-Sartawi, Assoc. Prof., Ahlia University, Bahrain.</li></ul>		
9:10 AM – 9:25 AM	Keynote speaker 1: Prof. Michael Stankowsky (George Washington University, USA) Keynote speech title: <a href="#">Internet of Ideas</a> .		
9:25 AM – 9:30 AM	Question and Answer session		
9:30 AM – 9:45 AM	Keynote speaker 2: Prof. Khaled Hussainey (Portsmouth, Portsmouth, UK) Keynote speech title: <a href="#">Accounting Information Systems</a> .		
9:45 AM – 9:50 AM	Question and Answer session		
9:50 AM – 10:05 AM	Keynote speaker 3: Dr. Arafat Salih Aydiner (Istanbul Medeniyet University, Turkey) Keynote speech title: <a href="#">Digital Business Governance for Strategic Growth and Innovation</a> .		
10:05 AM – 10:10 AM	Question and Answer session		
10:25 AM – 10:35 AM	Coffee Break		
Parallel Sessions			
Session One: Session chair: Dr. Wasan Awad, Dean of College of Information Technology, Ahlia University, Bahrain		Session Two: Session chair: Dr. M. Erkan Karabekmez- Istanbul Medeniyet University (Department of Bioengineering), Istanbul, Turkey.	
10:35 AM – 10:50 AM	Title: Priority Based Power Delivery System for Electric Vehicle Charging. Presenter: Noaima Bari, Ahteshamul Haque, Gaurav Ahuja and V S Bharath Kurukuru.	10:35 AM – 10:50 AM	Title: Financial statements fraud and data mining - a review. Presenter: Zakeya Sanad.
10:50 AM – 11:05 AM	Title: COVID-19 Lung Image Classification based on Logistic Regression and Support Vector Machine. Presenter: Nazish Nazish, Muhammad Imad and Syed Irfan Ullah	10:50 AM – 11:05 AM	Title: Impact of E-Procurement on Supply Chain Performance. Presenter: Ali Albinkhalil
11:05 AM - 11:20 AM	Title: A New Perspective on Decision Making and Coordination in Smart City Projects. Presenter: Basar Atac and Tarkan Oktay	11:05 AM - 11:20 AM	Title: Knowledge Management in Higher Education Institutions: Facts and Challenges. Presenter: Rami Abu Wadi
11:20 AM – 11:35 AM	Title: Performance Analysis of POX and RYU based on Dijkstra’s Algorithm for Software Defined Networking. Presenter: Naimullah Naimullah, Syed Irfan Ullah, Wajid Ullah Khan and Muhammad Imad	11:20 AM – 11:35 AM	Title: The mediating role of employee engagement between quality of work-life and job performance in Jordanian commercial banks: Conceptual paper. Presenter: Aya Naser Yousef Maqableh, Pro. Khatijah Binti Omer and Jasem Taleb Tarawneh
11:35 AM – 11:50 AM	Title: Technology readiness as an antecedent of technology acceptance model: Meta-analytic approach. Presenter: Aygul Donmez-Turan and Buse Oren.	11:35 AM – 11:50 AM	Title: The Usage of Artificial Intelligence in New Media. Presenter: Abdulsadek Hassan.

<b>11:50 AM – 12:30 PM</b>	<b>Question and Answer session</b>	<b>11:50 AM – 12:30 PM</b>	<b>Question and Answer session</b>
<b>Lunch Break 12:30-1:50</b>			
<b>Session Three:</b> Session Chair: Dr. Fatih Yigit, Dept. of Management, Finance division, Istanbul Medeniyet University, Istanbul, Turkey		<b>Session Four:</b> Session chair: Dr. Rami Abu Wadi, AFB Dept., Ahlia University, Bahrain	
<b>1:50 PM - 2:05 PM</b>	<b>Title:</b> Blockchain Technology for Reinforcing Sustainability Practices across Complex Multi-tier Supply Networks. <b>Presenter:</b> Mohammad Najjar.	<b>1:50 PM - 2:05 PM</b>	<b>Title:</b> E-Learning Acceptance during the Covid-19 Outbreak: A cross-sectional study. <b>Presenter:</b> Mohammed Habes, Sana Ali, Atiqa Khalid, Hiba Abou Haykal, Mokhtar Elareshi, Tabinda Khan and Abdulkairm Ziani
<b>2:05 PM - 2:20 PM</b>	<b>Title:</b> Applications of Artificial Intelligence in Covid-19 Pandemic. <b>Presenter:</b> Mohammad Al-Shoqran and Samer Shorman.	<b>2:05 PM - 2:20 PM</b>	<b>Title:</b> Increasing productivity and quality with IoT technologies in industrial treatment systems. <b>Presenter:</b> Adem Kayar, Fatih Öztürk and Hakan Ceyhan.
<b>2:20 PM - 2:35 PM</b>	<b>Title:</b> Internet of Things and its impact on the future of education. <b>Presenter:</b> Ismail Mseer.	<b>2:20 PM - 2:35 PM</b>	<b>Title:</b> Women Entrepreneurs: Reshaping and Sustaining the Gulf Cooperation Council (GCC) Economy. <b>Presenter:</b> Saad Darwish
<b>2:35 PM - 2:50 PM</b>	<b>Title:</b> An exploration into the posture of Robo-Advisor globally. <b>Presenter:</b> Ismail Canoz.	<b>2:35 PM - 2:50 PM</b>	<b>Title:</b> A Review on Industry 4.0 Management for Sustainable Technologies. <b>Presenter:</b> Mohammad Al-Shoqran and Sharaf Al Zub'i.
<b>3:05 PM - 3:20 PM</b>	<b>Title:</b> Structural Modeling of the Lean Supply Chain Enablers. <b>Presenter:</b> Hemant Sharma and Nagendra Sohani	<b>3:05 PM - 3:20 PM</b>	<b>Title:</b> Corporate Governance and Sustainability of Financial Institutions: A Study of GCC Countries Banks. <b>Presenter:</b> Samer Al-Waeli
		<b>3:20 PM - 3:35 PM</b>	<b>Title:</b> Comparative Analysis of Machine Learning Algorithms for Stock Market Prediction During Covid-19 Outbreak <b>Presenter:</b> Damandeep Kaur, Neha Saini, Rajkumar Rajasekaran and Jolly Masih
<b>3:35 PM – 3:50 PM</b>	<b>Question and Answer session</b>	<b>3:35 PM – 3:50 PM</b>	<b>Question and Answer session</b>
<b>Session Five:</b> Session chair: Dr. Yusef Albastaki, Chairperson MMMIS Department, Ahlia University, Bahrain		<b>Session Six:</b> Session chair: Dr. Jolly Masih, Prestige Institute of Engineering Management and Research, India.	
<b>3:50 PM - 4:05 PM</b>	<b>Title:</b> Facebook advertising in the era of Digital Economy <b>Presenter:</b> Megha Sharma, Ramesh Chandra Dangwal and Jolly Masih	<b>3:50 PM - 4:05 PM</b>	<b>Title:</b> Adaptations during COVID-19 and Smart Disease Detection through 'Germica' <b>Presenter:</b> Rajkumar Rajasekaran Rajasekaran, Jolly Masih and Damandeep Kaur.



<b>4:05 PM - 4:20 PM</b>	<b>Title:</b> Predicting Pyramid Geometric Solar Water Still Plant Efficiency using RBF Based Multi-layer Perceptron. <b>Presenter:</b> Rajeev Raghuvanshi and Dhanraj Verma	<b>4:05 PM - 4:20 PM</b>	<b>Title:</b> Snake Classification ‘Venomous and Non-Venomous’ using Transfer Learning Techniques on Indian Species: A Life Saving Application <b>Presenter:</b> Lakshmi Dhandabani, Abhinav Prakash, Ramesh Chandra Panda and Amrita
<b>4:20PM - 4:35 PM</b>	<b>Title:</b> Bitcoin Prediction Using Ensemble Modelling <b>Presenter:</b> Govinda K, Rajkumar R and Jolly Masih	<b>4:20PM - 4:35 PM</b>	<b>Title:</b> A Novel Hydro Renewable Power Platform: A Sustainable Innovation <b>Presenter:</b> Amrita, Ramesh Chandra Panda and Lakshmi Dhandabani
<b>4:35PM - 4:50 PM</b>	<b>Title:</b> Clustering Algorithms as a tool for Odor Classifications in Enose Developments <b>Presenter:</b> Yusuf Albastaki	<b>4:35PM - 4:50 PM</b>	<b>Title:</b> Model-based Validation of Business Processes: Case Study of Logistic Sector. <b>Presenter:</b> Firna Muninggar Kistianti, Muharman Lubis and Asti Amalia Nur Fajrillah.
<b>4:50PM – 5:05 PM</b>	<b>Question and Answer session</b>	<b>4:50PM – 5:05 PM</b>	<b>Question and Answer session</b>
<b>The End of Day One</b>			

EAMMIS 2021 Conference Schedule			
Day Two - March 20, 2021			
Istanbul time zone	Conference Registration		
7:00 AM – 9:00 AM			
9:00 AM – 9:15 AM	Keynote speaker 4: Prof. Ahmet Faruk Aysan (Hamad Bin Khalifa University, Qatar) Keynote speech title: <a href="#">Fintech and Blockchain Paths in Rebooting the Global Response to the Sustainable Development Goals after COVID-19.</a>		
9:15 AM – 9:20 AM	Question and Answer session		
9:20 AM – 9:35 AM	Keynote speaker 5: Prof. Manojkumar Deshpande (Prestige Institute of Engineering Management and Research, India) Keynote speech title: <a href="#">Innovation and industry 4.0.</a>		
9:35 AM – 9:40 AM	Question and Answer session		
9:40 AM – 9:55 AM	Keynote speaker 6: Dr. Jolly Masih (Prestige Institute of Engineering Management and Research, India) Keynote speech title: <a href="#">Innovation in the digital Era.</a>		
10:20 AM – 10:25 AM	Question and Answer session		
10:25 AM – 10:35 AM	Coffee Break		
Parallel Sessions			
Session Seven: Chair: Prof. Dr. Hamdi Genc, Professor of Economy, Istanbul Medeniyet University		Session Eight: Chair: Dr. Fadi Shehade, Palestine Technical University- Kadoorie	
10:35 AM – 10:50 AM	Title: OWLW: Ontology focused User Centric Architecture for Web Service Recommendation based on LSTM and Whale Optimizations. Presenter: Arulmozhi Varman and Gerard Deepak.	10:35 AM – 10:50 AM	Title: Artificial Intelligence and the Covid-19 Challenge. Presenter: Ismail Mseer
10:50 AM – 11:05 AM	Title: KnowGen: A Knowledge Generation Approach for Tag Recommendation using Ontology and honey-bee Algorithm. Presenter: Roopak N and Gerard Deepak.	10:50 AM – 11:05 AM	Title: The Relationship between Human Resource Practices and Organizational Performance. Presenter: Jasem Taleb Tarawneh, Mohd Saiful Izwaan Saadon and Aya Naser Maqableh.
11:05 AM - 11:20 AM	Title: OntoReq: An Ontology Focused Collective Knowledge Approach for Requirement Tracebility Modelling. Presenter: V Adithya and Gerard Deepak.	11:05 AM - 11:20 AM	Title: A research for computerized maintenance management system and predictive maintenance investments in Turkish industry. Presenter: Arafat Salih Aydiner and Burak Kubilay.
11:20 AM – 11:35 AM	Title: Know-crawler: AI classification cloud-driven framework for Web crawling using Collective knowledge. Presenter: Krishnan N and Gerard Deepak	11:20 AM – 11:35 AM	Title: Worldwide Artificial Intelligence studies with a comparative perspective: How ready is Turkey for this revolution? Presenter: İsmail Ermağan
11:35 AM – 11:50 PM	Title: Digital Social Contracts with AI Robots : Some Implications for Amazon.com. Presenter: Frank Lorne and Mahita Reddy Gogireddy	11:35 AM – 11:50 PM	Title: Bidirectional octonion long-short term memory recurrent neural networks for speech recognition. Presenter: Shobarani Salvadi, Dr D. Nagendra Rao and Dr. Srinivasan Vatsal.
11:50 AM – 12:20 PM	Question and Answer session	11:50 AM – 12:20 PM	Question and Answer session
Lunch Break 12:20-1:30			

<b>Session Nine:</b> <b>Chair: Dr. Azzam Hannon, Chairperson Department Accounting Finance and Economics American University in the Emirates</b>		<b>Session Ten:</b> <b>Chair: Dr. Ahmet Kaplan - Ibn Haldun University - School of Business (Deputy Dean, MIS)</b>	
<b>1:30 PM – 1:45 PM</b>	<b>Title:</b> Intelligent Covid19 Community Detection: Comparative Study. <b>Presenter:</b> Jenan Moosa, Wasan Awad and Tatiana Kalganova.	<b>1:30 PM – 1:45 PM</b>	<b>Title:</b> Digital Media Usage among Arab Journalists during Covid-19 Outbreak. <b>Presenter:</b> Abdulkarim Ziani, Mokhtar Elareshi, Mohammed Habes, Khalaf Mohammed Tahat and Sana Ali.
<b>1:45 PM – 2:00 PM</b>	<b>Title:</b> Google's use of artificial intelligence (AI) in a two-sided advertising market, Loss of trust, and the Monopolization of Data. <b>Presenter:</b> Ben T. Yu and Ekin Ulukok	<b>1:45 PM – 2:00 PM</b>	<b>Title:</b> Segmenting Potential Customers with Kohonen Network: A Banking Sector Case Study. <b>Presenter:</b> Tutku Tuncalı Yaman.
<b>2:00 PM - 2:15 PM</b>	<b>Title:</b> Artificial intelligence in personnel management: Opportunities and challenges to the Higher Education Sector (HES). <b>Presenter:</b> Kirk Chang, Yousif Abdelbagi Abdalla and Alhashmi Aboubaker Lasyoud.	<b>2:00 PM - 2:15 PM</b>	<b>Title:</b> Social Commerce: A Concept Explication. <b>Presenter:</b> Maryam Husain Almahdi.
<b>2:15 PM - 2:30 PM</b>	<b>Title:</b> The Impact of Balanced Scorecard on Firm Value: Evidence from Palestine. <b>Presenter:</b> Renad Frehat and Dr. Saed Al Kon	<b>2:15 PM - 2:30 PM</b>	<b>Title:</b> An Approach for Document Clustering using Semantic Similarity and Whale Optimization. <b>Presenter:</b> Shivam Sawarn, Gerard Deepak and Santhanavijayan A.
<b>2:30 AM – 2:45 PM</b>	<b>Question and Answer session</b>	<b>2:30 AM – 2:45 PM</b>	<b>Question and Answer session</b>
<b>2:45PM – 3:00 PM                      Coffee Break</b>			
<b>CONFERENCE CLOSING SESSION</b>			
<b>3:00 PM – 3:20 PM</b>	<b>Conference executive committee closing remarks</b> <b>Speaker and conference executive committee member:</b> Dr. Magdalena Karolak – Zayed University, UAE.		
<b>3:20 PM – 3:30 PM</b>	<b>Awards session</b> <b>Awarding personals:</b> 1. Dr. Anjum Razzaque (EAMMIS 2021 conference chair), Ahlia University, Bahrain. 2. Dr. Arafat Salih Aydiner - Istanbul Medeniyet University, Turkey.		
<b>3:30 PM – 3:40 AM</b>	<b>Announcement of the availability of the EAMMIS 2021 conference proceedings</b> <b>Announcing personal:</b> • Dr. Abdalmuttaleb Al-Sartawi, (EAMMIS 2021 conference chair), Ahlia University, Bahrain.		
<b>End of Day Two</b>			



# European, Asian, Middle Eastern, North African Conference on Management & Information Systems (EAMMIS)

March 19-20, 2021

## Theme

Artificial Intelligence systems  
and the Internet of Things in the digital era

## KEYNOTE SPEAKERS



Dr. Michael  
Stankosky



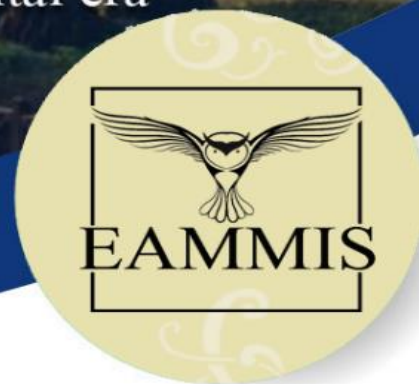
Prof. Khaled  
Hussainey



Prof. Ahmet  
Faruk Aysan



Dr. Arafat  
Salih Aydiner

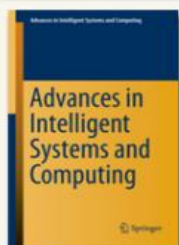


Dr. Jolly Masih



Dr. Manojkumar Deshpande

## PROCEEDINGS



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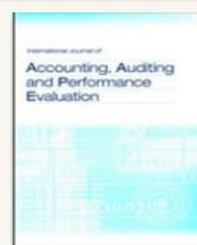
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## IMPORTANT DATES

Jan 25, 2021: Submission deadline - full papers  
Jan 30, 2021: Acceptance notification - full paper  
Feb 5, 2021: Submission deadline - camera-ready copy  
Feb 15, 2021: Last day to register and pay

<https://www.eammis.com/>

## SPECIAL/REGULAR ISSUES







# EAMMIS 2021 Keynote speaker

European, Asian, Middle Eastern, North African  
Conference on Management & Information Systems

March 19-20, 2021

## Michael Stankosky, Ph.D.

A professorial Lecturer in Engineering Management and Systems Engineering at George Washington University (GW). He is an author, scholar, and consultant in the field of Knowledge Management (KM) and General Management practices. His latest work: 21 for 21: Leading the 21st Century Global Enterprise has been published by the Emerald Publishing Group in April 2018. He has participated as a speaker in the Global Forum for over twenty years, on such topics as Innovation, Management, Cybersecurity, and Globalization. While on the full-time faculty of GW, he created the 1st Masters and Doctorate for KM at a major university. He also founded and directed the Institute for Knowledge and Innovation, which comprised over 80 scholars and practitioners worldwide. Their following included thousands on LinkedIn.

## Keynote speech: Internet of Ideas (IoI).

Year 2021 and ahead, are predicted by Dr Stankosky, with an unprecedented explosion and convergence of data, information, and knowledge: harvesting new opportunities, solutions, approaches, platforms, and wealth. Today the US and EU GDP is underpinned by approximately 75% of intangible assets or resources, e.g., skilled workers, unmatched services, enhanced virtualization and AI, world-class education, accelerated and adaptive training, innovation, and entrepreneurship. We live in an era of unparalleled global connectivity with transnational colleagues, partners, and data/information/knowledge systems, leading to an explosion of solutions for climate change, smarter transportation, smart cities, cures for diseases, robust financial and economic systems, effective management, governance, and processes. 2021. The following years bring unparalleled creativity, if pursued with systems and holistic approaches, will energize a national period of scientific and engineering effort and innovations, transforming Internet of Things (IoT) to Internet of Ideas (IoI).

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[Register](#) with [EAMMIS 20221](#) to join this keynote speech.







# EAMMIS 2021 Keynote speaker

European, Asian, Middle Eastern, North African  
Conference on Management & Information Systems

March 19-20, 2021

## Khaled Hussainey, Ph.D.

Khaled Hussainey is a Professor of Accounting and Financial Management at University of Portsmouth. He has a growing research reputation in financial reporting. He works on topics related to the impact of disclosure, corporate governance on firm value; dividend policy; capital structure. Alongside this work, he has looked at the adoption of eXtensible Business Reporting Language and its impact internationally. He has a significant number of research papers published in top-ranked international journals. He is a co-Editor-in-Chief of Journal of Financial Reporting and Accounting and a senior Editor (Finance and Accounting) of International Journal of Emerging Markets.

## Keynote speech: The Determinants of eXtensible Business Reporting Language (XBRL) Adoption.

We examine the determinants of eXtensible Business Reporting Language (XBRL) adoption for a sample of 71 countries. We find that countries, with strong investor protection, greater burden of government regulation, higher levels of economic development, higher degrees of external economic openness, more highly educated populations and with high levels of technology absorption, are more likely to adopt XBRL. Countries, which have an Anglo-Saxon culture, however, are less likely to adopt XBRL than other countries. The macroeconomic stability and the mandatory adoption of IFRS have no significant influence on XBRL adoption.

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# EAMMIS 2021 Keynote speaker

European, Asian, Middle Eastern, North African  
Conference on Management & Information Systems

March 19-20, 2021

## Arafat Salih Aydine, Ph.D.

Asst. Prof. and Director of Management Information Systems (MIS). Department of Management at Istanbul Medeniyet University, Turkey. Has received Ph.D. in Management from Bahcesehir University, M.Sc. in IS from the New Jersey Institute of Technology, BA. in IS from Rutgers University, and BS. in mechanical engineering from Kocaeli University. Has served as a research associate at Rutgers Business School and GIS research team at Meadowlands environmental research institute. Currently Arafat is the chairman of the Association of Information Technologies in Turkey. He authored scholarly articles in international and nationally journals and presented his research in several international conferences. Dr. Arafat's research interests are business analytics, digital transformation, innovation, and strategy, IS capabilities, project management in IS, and IT governance.

## Keynote speech: Digital Business Governance for Strategic Growth and Innovation.

Digital governance is well-known for its capabilities for company growth and innovation. Information Technology (IT) governance is the main type of management structure in the IS and IT field. However, digital transformation imposes new business processes. Each business sector commences to implement its digital applications and platforms according to their understanding of this field. Although, there is scant design-oriented approach for new structural disruption. Dr, Arafat shares his perspective on digital business governance with dynamic capabilities. He proposes a structural model that aligns issues across business sectors, as well as addressing the digital leadership role for effective and efficient digital governance.

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# EAMMIS 2021 Keynote speaker

European, Asian, Middle Eastern, North African  
Conference on Management & Information Systems

March 19-20, 2021

## Ahmet Faruk Aysan, Ph.D.

Professor at HBKU and Ph.D. Director of the Islamic Finance and Economy program. Dr. Aysan has served as board member and monetary policy committee of the Central Bank of Turkey. Also served as a consultant at various institutions, e.g., the World Bank, the CBRT, and Oxford Analytica. He was also the deputy director of the Center for Economics and Econometrics at Bogazici University, and a member of the G-20 Financial Safety Net Experts Group, the Advisory Board of Social Sciences and Humanities Research Group of TUBITAK, a National Expert of EU, the Dean of Management and Administrative Sciences at Istanbul Sehir University and on the advisory board of the Contemporary Turkish Studies: London School of Economics and Political Sciences European Institute.

## Keynote speech: Fintech and Blockchain Paths in Rebooting the Global Response to the Sustainable Development Goals after COVID-19.

As we embrace the new normal of the post Covid-19 era, Prof. Aysan explores how to reboot global response to accelerate the SDGs in times of uncertainties, and most importantly how to turn the recovery into an opportunity to build back better and more resilient economies. Prof. Aysan's keynote speech addresses the case of Fintech and blockchain prospects and attempts to uncover the following questions: how does FinTech Disrupt the Financial sector? What is the Impact of COVID19? Does it provide challenges or opportunities for the Fintech and blockchain applications? What are the Fintech and artificial intelligence prospects and strategies for the developing countries? What is the future of banking and Fintech?

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# EAMMIS 2021 Keynote speaker

European, Asian, Middle Eastern, North African  
Conference on Management & Information Systems

March 19-20, 2021

## Manojkumar Deshpande, Ph.D.

Director at Prestige Institute of Engineering Management Research Indore, India. He is having 30 years of experience of academics' research in field of AI/ML, Business Analytics, Industry 4.0 & Drone Technology applications for agriculture and food industries. Recently he published three patents and numerous research papers in reputed journals/conferences. He also put effort to inculcate entrepreneurship skills amongst students at undergraduate as well as post graduate levels. He is an advisor for the startups supported by Atal Incubation Center, Prestige Inspire Foundation, Indore. He is recipient of Dewang Mehta National Education Leadership Award. He is involved in various research assignments in collaboration with faculty from Essex University (UK), Leader's Institute (Australia), Qassim University (Saudi Arabia) and Drexel University (USA).

## Keynote speech: Innovation and industry 4.0.

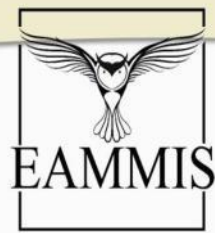
Today, global manufacturing sector is undergoing a structural transformation. New paradigm that is in tune with the digital 21st century is fast emerging which is driven by Industry 4.0. This will result in the "Smart Factory", which is characterized by versatility, resource efficiency, ergonomic design and direct integration with business partners, ultimately resulting in higher productivity, global competitiveness and sustainable profitability. Industry 4.0 is driven by an amalgamation of emerging technologies like Internet of Things, Business Analytics, Augmented Reality, Artificial Intelligence, Elemental Design, Simulation, 3D Printing, Advanced Robotics and Cyber-physical Systems. Industry 4.0 would mean the convergence of real and virtual worlds. The next phase is bringing together conventional and modern technologies in manufacturing. The special track will prove as platform to deliberate upon research papers submitted based upon fundamental and applied research as well as innovation.

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# EAMMIS 2021 Keynote speaker

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Conference on Management & Information Systems

March 19-20, 2021

## Jolly Masih, Ph.D.

Presently the head of techno managerial research at Prestige Institute of Engineering Management and Research, Indore, India. Jolly accomplished post doctorate at Erasmus School of Economics, Rotterdam, the Netherlands in collaboration with Erasmus Medical College, Rotterdam. She bears industrial and academic 9-years' experience. She earned Ph.D. from Drexel University, USA in collaboration with Institution of Agribusiness Management, Bikaner, India. Has written 52+ research papers, patents, book chapters and is authored books. She worked with reputed firms like Lovely Professional University (India), India Agriculture Ministry, Perspectory Media Insights and UNICEF. Researched/contributed to big data analytics and auto immune disorders like celiac disease and gluten sensitivity.

## Keynote speech: Innovation in digital Era.

Innovation, the new fuel to the industrial technology and business processes where digital transformation is more than embracing new technologies. It is change in thoughts and organization culture. Organizations should address changing business scenarios; dynamic business demands and innovate ways to quickly cater to these changing needs. Leaders and IT teams should collaborate to meet business requirements, drive innovation and march towards continuous improvement. Innovation through digital transformation is all about accelerate business activities, low cost, improved marketing time, positive process changes, people development, and competency. Digital business transformations are driven by factors like Innovative technology, consumer customer behavior and market demand, and environmental factors to adopt modern technology like a cloud, big data, IoT, RAD, etc., bringing value to the business, increase speed, lower effort and cost, and deliver results more effectively.

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