



FAMECSE 2022 Conference Program (Day 1 - 7 th June)	
8:30 - 9:30	Registration
9:30 - 10:00	Opening Session: FAMECSE 2022 Welcome Speeches Eng. Amr Mahfouz - Conference Honorary Chair, ITIDA CEO Dr. Hossam Osman - Conference Chair, ITIDA VP, SECC Chairman Dr. Michel R. V. Chaudron - Conference Chair, TUE, Netherlands Dr. Haitham Hamza - Program Chair, SECC R&D Manager, Egypt Dr. Engineer Bainomugisha – Program Chair, Makerere University, Uganda
10:00 - 10:45	Reviewing the DevSecOps journey: What we learned on how to be a DevSecOps Elite Hasan Yasar, Technical Director, Adjunct Faculty Member at Carnegie Mellon
10:45 - 11:30	Software Engineering in Research: Lessons Learned Doing AI Research in Africa Sekou Lionel Remy, Research Scientist, IBM Research - Africa
11:30 - 12:15	Open Source Software Sociology: Engineering Open Source Software Ecosystem for Impact and Sustainability Minghui Zhou, Institute of Software, School of Electronics Engineering and Computer Science, Peking University, Beijing, China
12:15 - 13:00	Break
13:00 – 13:45	Software Testing: Building on Success – Beyond the Obvious Erik van Veenendaal, CEO, TMMi Foundation
13:45 – 14:30	The Digital Thread paradigm for integration and interoperability: models, tools and platforms Tiziana Margaria, Chair of Software Systems – Department Computer Science and Information Systems, University of Limerick
14:30 – 15:15	State of Open - how open source is shaping up in the Roaring 20's Amanda Brock, CEO of OpenUK, U.K.
15:15 – 15:45	Break



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					Paper Sessions				
					Hall 1 Paper Sessions 1 Physical	Hall 2 Paper Sessions 2 Physical	Hall 3 Online	Hall 4 Online (Broadcast from Kampala)	
					Session Chair: Sally Hassan	Session Chair: Ahmed Ameen	Session Chair: Ahmed AbdelAZiz		
15:45 - 16:30					<p>A Brief Outlook of Enterprise Architecture Role in the Digital Age <i>Ahmed Elsheikh (Egypt)</i></p> <p>Blockchain Analytics Reference Architecture for FinTech - A Positioning Paper <i>Ahmed S. Elsheikh, SECC (Egypt)</i></p> <p>SECC Smart University Reference Architecture <i>Haitham S. Hamza, Yasser Ghanim, Azza K. Nabih, Ahmed S. El-Sheikh and Sherif S. Ibrahim (Egypt)</i></p>	<p>Setting a Research Framework for Digital Transformation Role in Enabling Successful Entrepreneurship in Egypt <i>Yasser Ghanim, SECC – Soha Safwat Labib, ECU – Ahmed ElSeddawy, AAST (Egypt)</i></p> <p>A Proposal for Enhancing Agile Requirements Engineering with Prototyping and Enriched User Stories <i>Nader Keshk, Mohammad El-Ramly and Akram Salah, Faculty of computers and artificial intelligence- Cairo university (Egypt)</i></p> <p>Integration of SysML models in a 3D environment for Virtual Testing and Validation <i>Ion Barosan (Eindhoven University of Technology) and Juan van der Heijden</i></p>	<p>Olive tree health monitoring approach using satellite images and based on Artificial Intelligence <i>Abdelaziz Kallel, Achraf Makhloufi, Ahmed Ben Ali (Tunisia) – Online</i></p> <p>A proposed Emergent Skill Extraction Methodology <i>Eid Emary, Faculty of computers and artificial intelligence- Cairo university (Egypt) – Online</i></p>	<p>MIRA: an Application Containerisation Pipeline for Small Software Development Teams in Low Resource Settings <i>Alex Mwotil, Engineer Bainomugisha, Stephen Araka (Uganda, Rwanda)</i></p> <p>Scenario-based Synthetic Dataset Generation for Mobile Money Transactions <i>Denish Azamuke, Marriette Katarahweire and Engineer Bainomugisha (Uganda)</i></p> <p>From Undergraduate (Software) Capstone Projects to Start-ups: Challenges and Opportunities in Higher Institutions of Learning <i>Daniel Ogenrwot, Geoffrey Olok Tabo, Kevin Aber and Joyce Nakatumba-Nabende (Uganda)</i></p>	
						Tutorial Sessions			
16:30 - 18:30					Online	Hall 1	Hall 2	Hall 3	
					<p>Designing, implementing and deploying an Enterprise Knowledge Graph from A to Z <i>Azanzi Jiomekon and Martins Folefac, Université de Yaoundé, Neuralearn, Cameroon</i></p>	<p>Applied Agile Framework - A Practical way to apply agile step by step <i>Mona Shokrof, Agile Coach, Egypt</i></p>	<p>6 technical tips for tech startups <i>Ahmed Misbah, Orange Innovation Egypt, Egypt</i></p>	<p>Hands-on Permissioned Blockchain Platforms <i>Mahmoud M. Abdallah, SECC, Egypt</i></p>	

FAMECSE 2022 Conference Program (Day 2 – 8 th June)	
8:30 – 9:00	Registration
9:00 - 9:45	<p>Bridging the Gap between AI and SE Xin Xia, Director and Chief Expert of the Software Engineering Application Technology Lab at Huawei, China</p>
9:45 - 10:30	<p>Developing and operating green AI-based systems: software engineering approaches and challenges Silverio Martínez-Fernández, Universitat Politècnica de Catalunya - BarcelonaTech</p>
10:30 - 11:15	<p>Large-Scale Trace Analysis for Microservice Anomaly Detection and Root Cause Localization Xin Peng, Professor of the School of Computer Science, Fudan University, China</p>
11:15 – 12:00	<p>Challenges for the Industrial Adoption of AIOps Innovations Ahmed E. Hassan, Canada Research Chair (CRC) in Software Analytics at the School of Computing at Queen's University</p>
12:00 – 12:30	Break
12:30 - 13:15	<p>Panel Discussion <i>Entrepreneurship Ecosystem for Software Industry: The case for Middle East and Africa</i></p> <p>Panel chair: Dr. Michel R. V. Chaudron - Conference Chair, TUE, Netherlands</p> <p>Panelists Dr. Hossam Osman - Conference Chair, ITIDA VP, SECC Chairman Tiziana Margaria, Chair of Software Systems – Department Computer Science and Information Systems, University of Limerick Reinier van Scherpenzeel, COO, Tunga Mahmoud Elsherif, Fixed Solutions</p>
13:15 - 14:00	<p>The Missing Middle: launching your international tech career Reinier van Scherpenzeel, COO, Tunga</p>



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14:00 – 14:45	<p>AI and chatbots in the public sector: Are we really designing for the public? Tendai Makasi, PhD, School of Information Systems, Faculty of Science Queensland University of Technology</p>		
14:45 – 15:30	<p>The Current and Evolving Landscape of Requirements Engineering in Practice Mohamed Hassan Kassab, Associate Professor of Software Engineering, The Pennsylvania State University, Malvern, PA, U.S.A.</p>		
15:30 – 16:00	<p>Break</p>		
16:00 – 16:30	<p>Closure Session</p>		
16:30 - 18:30	<p>Tutorial Sessions</p>		
	<p>Hall 1</p>	<p>Hall 2</p>	<p>Hall 3</p>
	<p>The African FinTech Trends and Blockchain Innovation <i>Ahmed Elsheikh, SECC, Egypt</i></p>	<p>Professional IoT Applications Development training utilizing IoT Educational and Innovation Labs <i>Bassem Boshra, SpimeSenseLabs, Egypt</i></p>	<p>Applying Agile for AI projects <i>Ahmed Ameen, SECC, Egypt</i></p>