جامعة دار الحكمة
DAR AL-HEKMA UNIVERSITY

Springer

CCTS 2024

CONFERENCE ON CREATIVITY, TECHNOLOGY, AND SUSTAINABILITY.

Third Dar Al-Hekma Conference

15 & **16** MAY **2024**

جَامِعَةُ دَارِ الحِكْمَة

DAR AL-HEKMA UNIVERSITY

CCTS 2024

Conference on Creativity, Technology and Sustainability

Dr. Adnan Al Mazrou
Chairman of the Board of Trustees

This conference reflects the University's interest in creating an enlightening cultural space that allows the perusal of the most fundamental cultural and sientific phenomena that address the developmental aspects of society. Technology and sustainability, which are important pillars of civilization, are the traits of developed nations competing to be at the forefront of global leadership.

Dr. Abeer Aldoghaither
President

Educational institutions have a significant and primary role in participating in the process of furthering civilization and in developing thoughtful plans and vision for the sustainability of such a process. This conference, launched by Dar Al-Hekma University, realizes the concept of the knowledge economy, and embodies our nation's ambitious vision that defines the fundamentals of comprehensive renaissance. Technology, being one of those pillars, has become a vital engine for civilization, which is indispensable for realizing the concept of sustainability and creativity in economic and cognitive development.

Prof. Norah Farooqi
Vice President of Graduate Studies, Research and Business

Technology has taken the lead in comprehensively achieving sustainability, and in activating its mechanism for the growth and the prosperity of society. Through the different topics it deals with, this conference seeks to come up with recommendations for future studies, keeping pace with the cognitive and developmental challenges in all the issues raised, and to provide fruitful and effective solutions, characterized by creativity and innovation.

Dr. Samar Altarteer
Director of The Scientific Research Center

The Center for Scientific Research in Dar Al-Hekma is keen on studying the latest developments in what societies need for their advancement by preparing conferences whose themes would enrich the scientific and practical fields. The Center is also eager to attract local and international expertise to present qualitative studies that would come up with applicable solutions for overcoming the challenges and the hurdles that may stand in the way of achieving the goals for the advancement of civilization.

DAR AL-HEKMA UNIVERSITY

Founded in 1999, Dar Al-Hekma University (DAHU) has grown to be one of the leading universities in Jeddah and Saudi Arabia. Its medium size and integrated campus make it a human-scale university with a strong sense of community. It is an environment where it is possible to nurture personal development, creativity, scientific research, and social engagement. Since its foundation, DAHU has been dedicated to the cause of women's education. It has graduated professionals who became leaders and entrepreneurs of change in their fields and Saudi society. A few years ago, the University opened its master's programs to men. In 2021, DAHU set its new five-year strategic plan, in which stronger emphasis is put on educational quality, creativity, innovation, and positive societal impact. Hence, if you are interested in quality education in a rich and engaging social environment and a forward-looking institution, DAHU may well be the right place for you, where you can choose your major from a rich variety of programs.

CONFERENCE ON CREATIVITY, TECHNOLOGY, AND SUSTAINABILITY

وزارة الاتصالات وتقنية المعلومات
MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY

The CCTS 2024 Conference is held under the auspices of the Ministry of Communication and Information Technology. The conference aims to provide an enlightening platform that presents cutting-edge scientific breakthroughs and to keep pace with the rapid developments in the fields of creativity, technology, and sustainability, in line with Saudi Vision 2030. The conference attracts a number of distinguished local and international experts and academicians who will enrich the conference with their valuable expertise and promote a culture of research, development, and innovation to address global challenges and connect universities with various developmental sectors.

CONFERENCE OBJECTIVES

1. Sharing multidisciplinary research and innovation to address sustainability challenges.
2. Bridging knowledge and practice to address the reltionship between academia and relevant industry.
3. Fostering the development of essential skills foutainability.
4. Emphasizing the role of cutting-edge technologies inaddressing societal issues.
5. Promoting creativity, innovation, and entrepreneurship in alignment with Vision 2030.

CONFERENCE TOPICS

1. Sustainable Technologies and Digital Transformation
2. Creativity and Sustainable Design
3. Sustainability Management, Policies and Ethics
4. Sustainability Education and Awareness
5. Interdisciplinary Studies in Sustainability and Technoogy

CONFERENCE TARGET AUDIENCE

1. Researchers, academics, and students
2. Governmental entities and policymakers
3. Cultural entities
4. Non-profit organizations
5. Developmental sectors
6. Community leaders and entrepreneurs
7. Tech industry professionals
8. Media and entertainment professionals
9. Creative professionals

CONFERENCE ACTIVITIES

1. Main Sessions
2. Keynote Sessions
3. Discussion Panels
4. Scientific Papers Presentaiton
5. Scientific Posters
6. Conference Workshops by Academy 32, King Abdelaziz City for Science and Technology
7. Digital Entrepreneurship Consultations by the Center of Digital Entrepreneurship, Ministry of Communication and Information Technology
8. Creative Experts: Case Studies from Industry by Nawawi Studio
9. Code Lab Tours

CONFERENCE IN NUMBERS

11 Speakers and panelists

6 Keynote sessions and discussion panels

4 Workshops provided by Academy 32- King Abdelaziz City of Science and Technology (KACST)

KACST مدينة الملك عبدالعزيز للعلوم والتقنية

ACADEMY 32 أكاديمية ٣٢

1 Workshop provided by Nawawi Studio

nawawi. Creative Studio

Digital Entrepreneurship Consultation Sessions by Code – Mistry of Communication and Information Technology

وزارة الاتصالات وتقنية المعلومات MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY

code

60 Published scientific papers with Springer from 22 counties

Springer

170 scientific papers were submitted from **24** countries.

Researchers from 29 Saudi Universities

17 Scientific posters

690
Attendees

10 Success partners and sponsors

DAY ONE
LOCATION: AUDITORUM

TIME	SESSION	SPEAKER
08:00 09:00	REGISTRATION	
09:00 09:30	MAIN SEASSION OPENING	**Conference Opening** **Dr. Abeer Aldoghaither,** President of Dar Al-Hekm University
09:30 10:30	DISCUSSION PANEL 1 Entrepreneurship, Innovations and the Commercialization of New Technologies in Universities.	**Mr. Saud Alsabhan,** Vice Governor of Entrepreneurship at General Authority for Small and Medium Enterprises at Monshaat **Dr. Omar Al-Harbi,** Senior Innovation Advisor at The Ministry of Industry and Mineral Resources **Dr. Hamad Al-Saiari,** Chief Technologist at Saudi Aramco **Dr. Ali Alshaeri,** CEO of Wadi Makkah Technology Company, Associate Professor, Umm Al-Qura University **Moderator: Prof. Norah Farooqi**, Vice President of Graduate Studies, Research and Business, Professor of Computer Science at Dar Al-Hekma University, Umm Al-Qura University
10:30 11:00	KEYNOTE 1 Innovative Key Facilities for Human-Centered and Sustainable Design	**Prof. Luigi Maffei,** Professor and Vice Rector, Università degli Studi “Luigi Vanvitelli”, Caserta at Italy
11:00 11:30	KEYNOTE 2 ESG Controversies and Firm Value	**Prof. Ahmed Elmasry,** Professor of Corporate Finance and Governance, Centre for Financial and Corporate Integrity at Coventry University, United Kingdom
11:30 12:00	KEYNOTE 3 Cognitive Cities and the Future of Urban Living	**Eng. Joaquim Alvarez,** Head of Cognitive Technologies at ETSD (Engineering Technical Services Department) at NEOM. **Moderator: Prof. Wadee Al-Halabi,** Professor of Artificial Intelligence, Department of Computer Science at King Abdulaziz University
12:00 12:30	DISCUSSION PANEL 2 Cultural Heritage Sustainably Through Innovative Technologies	**Dr. Najla AlKhalaf,** Director of Research, Publication, and Innovation at the Heritage Commission, Ministry of Culture **Moderator: Dr. Inass Ali,** Dean, Associate Professor of Management, School of Business & Law at Dar Al-Hekma University

DAY ONE
LOCATION: AUDITORUM

TIME	SESSION	SPEAKER
12:30 12:40	WINNERS ANNOUNCEMENT Students Research Competition	**Dr. Samar Altarteer,** Conference Chair, Director of the Scientific Research Center at Dar Al-Hekma University
12:40 01:10	HONORS	
01:00 02:00	BREAK AND PRAYER	
09:00 05:00	POSTERS	

DAY ONE – WORKSHOPS
LOCATION: LECTURE HALL 151

TIME	EVENT	FACILITATOR	PROVIDER
02:00 03:30	WORKSHOP 1 Innovations Technology to Identify and Detect any Security Threats Registration is required	**Prof. Mohammed Abdullah Aseeri,** Vice-Chairman of the Board of Directors of the Association for Scientific Research and Innovation (ASRI), KACST	Academy 32 KACST
03:30 05:00	Workshop 2 Enhancing Cybersecurity in the Age of Digital Transformation: Strategies and Challenges Registration is required	**Eng. Mohammed Dojan Alharbi,** Director of Governance and Compliance, KACST	Academy 32 KACST

DAY TWO
PAPERS SESSIONS AND POSTERS

TIME	SESSION
09:00 12:00	PUBLISHED PAPERS PRESENTATION
12:00 01:00	RESEARCH PRESENTATION

DAY TWO CONSULTATIONS SESSION AND CODE LAB TOURS LOCATION: CODE LAB

TIME	EVENT	FACILITATOR	PROVIDER
09:00 12:00	CODE LAB TOURS (every 30 minutes)	**Dr. Dheyaaldin AlSalman,** Manager of the Innovation Center, Assistant Professor of Information Security at Dar Al-Hekma University	Dar Al-Hekma University
02:00 05:00	MCIT CONSULTATIONS in Digital Entrepreneurship. Every 15 minutes (require booking in advance) Registration is required	**Mr. Abdullah Alshamrani** General Manager, Digital Entrepreneurship Center of Ministry of Communications and Information Technology **Mr. Bader Alsaif** Entrepreneur and investor, Digital Entrepreneurship Center of Ministry of Communications and Information Technology **Mr. Hadi Shakory** Program Manager, Digital Entrepreneurship Center of Ministry of Communications and Information Technology **Mr. Yousef Abu Baker** Digital Innovation Program Manager, Center of Digital Entrepreneurship, Ministry of Communication and Information Technology	Code – Ministry of Communication and Information Technology

TIME	EVENT	FACILITATOR	PROVIDER
12:00 01:00	WORKSHOP 3 Creative Experts_Case Studies from Industry Registration is required	**Ms. Ahad Al Huthali,** Art Director **Mr. Muhammad Khan,** Photography Leader	Nawawi Studio
01:00 02:00	Break & Prayer		
02:00 03:30	Workshop 4 Generative AI Registration is required	**Dr. Abdulaziz Omar AlQabbany** Assistant Research Professor Artificial Intelligence and Robotics Institute, KACST	Academy 32 KACST
03:30 05:00	Workshop 5 Unleashing the Potential of Smart Cities: The Role of Artificial Intelligence Registration is required	**Dr. Sultan Alzahrani** General Manager of Digital Health Institute, Co-director of Decision Support Center, KACST	Academy 32 KACST
05:00	Best Paper Presentation Announcement		

CONFERENCE PUBLISHER

Springer

Conference accepted papers are published in the Springer Book Series Proceedings in Technology Transfer. Springer is part of Springer Nature, a global publisher that serves and supports the research community. Springer is a leading global scientific, technical, and medical portfolio, providing researchers in academia, scientific institutions, and corporate R&D departments with quality content through innovative information, products, and services. Springer has one of the strongest STM and HSS eBook collections and archives, as well as a comprehensive range of hybrid and open-access journals and books under the Springer Open imprint.

CONFERENCE SPEAKERS AND PANELISTS

Mr. Saud Alsabhan

Vice Governor of Entrepreneurship at General Authority for Small and Medium Enterprises at Monshaat

Mr. Saud Alsabhan is a seasoned advocate for entrepreneurship, leverages expertise in marketing and business development to drive positive change through government leadership. Following a Master's degree in Business Administration, honed skills in diverse private sector organizations before assuming prominen roles within the government. In 2021, became Vice Governor of the SME Authority (Monshaat), spearheading impactful policies and initiatives that empower small and medium-sized enterprises. Notably, established a comprehensive support ecosystem, championed digital transformation, fostered global partnerships, and actively advocated for women's participation in the business world. Dedication extends beyond professional pursuits, as actively contributes to philanthropic endeavors, particularly in the areas of education.

منشآت
monsha'at
الهيئة العامة للمنشآت الصغيرة والمتوسطة
Small & Medium Enterprises General Authority

Dr. Omar Al-Harbi

Senior Innovation Advisor at The Ministry of Industry and Mineral Resources

Dr.Omar Al-Harbi is a professional with a Ph.D. in Innovation Management from Swansea University (UK), an MBA from Southampton University (UK), and a Bachelor's degree in Chemical Engineering from King Abdulaziz University (KSA).
Dr. Omar is a certified Chief Innovation Officer and Authorized Innovation Assessor, accredited by the Global Innovation Institute. Additionally, Dr. Omar possess a Strategic Planning Professional certification from the International Association for Strategy Professionals. Dr. Omar serves as a committee member for both innovation and artificial intelligence within the International Organization for Standardization (ISO). Dr. Omar actively participate in national committees and teams related to research, development, and innovation, contributing to the formulation of national strategies in these areas.

Dr. Hamad Al-Saiari

Chief Technologist at Saudi Aramco.

Dr. Hamad Alsaiari, a Ph.D. holder in Environmental Engineering from Rice University, USA, and a BS in Chemical Engineering from KFUPM, Saudi Arabia, currently serves as the Chief Technologist and head of Aramco Research & Development Center at King Abdullah University of Science and Technology (KAUST). He is renowned for his expertise in digital transformation, as he champions the Technology Oversight and Coordination (TOC) in Aramco. Dr. Alsaiari joined Saudi Aramco R&DC in 2002 and later became the "Liaison Officer" for the first Aramco Satellite Research Center. Throughout his career, he has led numerous research teams and projects focused on flow assurance. Additionally, he has actively contributed to the technical committees of prestigious international conferences like SPE, NACE, and Chemindix. Dr. Alsaiari's remarkable contributions include publishing over 70+ technical papers in peer-reviewed journals and international conferences, as well as filing 10+ patents.

Dr. Ali Alshaery

CEO of Wadi Makkah Technology Company, Associate Professor at Umm Al-Qura University

Dr. Ali Alshaery is a CEO of Wadi Makkah Technology Company at Department of Civil Engineering and Professor of Civil Engineering at Umm Al-Qura University. From 2021 to 2023, he held the role of Vice President of Umm Al-Qura University for Innovation and Entrepreneurship, and previously served as the Dean of the Institute of Consulting Research and Studies from 2015 to 2021. Dr. Alshaery also served as the Deputy Director of the Transportation and Crowd Management Center of Research Excellence (TCMCORE) from 2013 to 2014. He is a Certified Trainer by the Technical and Vocational

Training Corporation and a Professional Consultant at the British Consultancy Institute. Dr. Alshaery earned his Bachelor's degree in Civil Engineering from Umm Al-Qura University in 2002, followed by a Master of Surveying from London College University in 2007, and a Ph.D. in Geospatial Engineering from the University of New South Wales in 2013. He is a graduate of the INSEAD Blue Ocean Strategy program and the IMD Institute.

Prof. Norah Farooqi

Vice President of Graduate Studies, Research and Business

Prof. Norah Saleh Farooqi is a Professor of Computer Science, Cybersecurity Department, College of Computing, Umm Al-Qura University (UQU), Saudi Arabia. Vice President for Graduate Studies, Scientific Research and Business, Dar Al-Hekma University. She was General Supervisor of the Data Management Office, Vice Dean of the Institute of Consulting Research and Studies, and Deputy Director of the Engineering Science Research Center, UQU. Farooqi received a BSc in Computer Science (first class Honours, GPA 3.99 / 4) from UQU, KSA, 2008; and MSc in Information Systems with Distinction from the University of Sheffield, UK, 2010. She holds PhD in Computer Science from the University of Sheffield, UK, in 2013. Farooqi has many publications and her research interests are Database Security, Systems Development, Crowd Management, and IoT. She is a reviewer in a number of academic journals related to computer topics

Prof. Luigi Maffei

Professor and Vice Rector Università degli Studi "Luigi Vanvitelli"

Prof. Luigi Maffei is a distinguished full professor of Technical Physics at the Università della Campania "Luigi Vanvitelli" holds expertise in Applied Acoustics, Lighting, and Building Environmental Control. Additionally, Prof. Luigi serves as the Vice-Rector for Innovation Technology at the university. Prof. Luigi has held the position of President of the I-INCE Institute of Noise Control Engineering from 2023 to 2025. Prof. Luigi have also made significant contributions as the Dean of the Department of Architecture and Industrial Design and as the President of the EAA European Acoustics Association. Prof. Luigi coordinates international didactic projects, including the Master's program "Acoustics and Noise Control in Mediterranean Countries" with Yildiz Technical University in Istanbul, Turkey, and the Summer School on "Built Environment Control" with Togliatti State University in Russia. Prof. Luigi has chaired prestigious conferences and received international scientific awards for his contributions.

Prof. Ahmed Elmasry

Professor of Corporate Finance and Governance, Centre for Financial and Corporate Integrity

Research Centre Financial and Corporate Integrity | Coventry University

Prof. Ahmed Elmasry is an esteemed expert in Corporate Finance and Governance and is currently leading the Corporate Finance, Governance, and Sustainability Cluster at Coventry University, UK. With a PhD from Manchester University, Prof. Ahmed's research in risk management, sustainability, and gender diversity has been published in esteemed journals. Having held various roles at Plymouth Business School, UK, Prof. Ahmed has supervised numerous Master's and PhD/DBA students worldwide. Prof. Ahmed actively contributes to the academic community as an editor, associate editor, and board member for international journals. Prof. Ahmed is a Fellow of the Higher Education Academy, UK, and holds honorary professorships at Liverpool University and Grenoble Graduate School of Business, France. Prof. Ahmed's expertise and accomplishments have solidified his reputation as a leading figure in Corporate Finance and Governance.

Eng. Joaquim Alvarez

Head of Cognitive Technologies at ETSD (Engineering Technical Services Department) at NEOM.

نيوم NEOM

Eng. Joaquim Alvarez is a seasoned professional with expertise in IoT, Blockchain, and Scrum methodologies that contribute to NEOM, shaping its cognitive regions, cities, and buildings. Eng. Joaquim designs Tech & Digital Innovation HUBs, leveraging his background in Telecommunications Engineering and specializations from top institutions. Eng. Joaquim's impactful career spans software R&D for the Olympics, project management, and eGovernment. At Deloitte, Eng. Joaquim played a key role in national strategic projects. As a Digital Business Strategist and Keynote Speaker, Eng. Joaquim was instrumental in Barcelona's recognition as the first European Capital of Innovation. Beyond his professional achievements, Eng. Joaquim excels as an Elite Swimmer, Pianist, and Audiovisual Engineer.

Prof. Wadee Al-Halabi

Professor of Artificial Intelligence, Department of Computer Science At King Abdulaziz University

Prof. Wadee Al-Halabi is a Professor of Computer Science at King Abdulaziz University (KAU) and holds a master's and Ph.D. in Electrical and Computer Engineering from the University of Miami, earned in 2004 and 2008, respectively. Prof. Wadee is a former member of the University Scientific Council and a current member of the promotion committee. Additionally, Prof. Wadee leads the Virtual Reality Research Group and directs the Consultation Office of Artificial Intelligence. Prof. Wadee's research expertise lies in the intersection of virtual reality and machine learning.

Dr. Najla Alkhalaf

Director of Research, Publication, and Innovation at the Heritage Commission, Ministry of Culture

Dr. Najla Alkhalaf is the Director of Research, Publication, and Innovation at the Heritage Commission within Saudi Arabia's Ministry of Culture and holds a PhD from King's College London, specializing in public policy and management. Dr. Najla's research interest lies in leveraging e-governance to support small and medium-sized enterprises (SMEs). Dr. Najla brings diverse experience, having lectured on business and public management at both King's College London and King Saud University, and worked in both public and private sectors. Dr. Najla passionately supports entrepreneurs and advocates for cultural and environmental sustainability awareness.

Dr. Inass Salamah Ali

Dean, Associate Professor of Management, School of Business & Law at Dar Al-Hekma University

Dr. Inass Salamah Ali is an accomplished Associate Professor and current Dean of the School of Business & Law at Dar Al-Hekma University. With a diverse academic background including a PhD in Management from the University of Stirling, UK, and a Master's in Software Engineering from Colorado Technical University, USA, Dr. Ali integrates management and technology expertise in her leadership and educational roles. Since joining Dar Al-Hekma University in 2008, Dr. Ali has held key positions such as Director of Quality Assurance & Strategic Planning and Director of the Scientific Research Center & Library. Her tenure as Dean (2014-2017, 2020-present) has been marked by innovative projects, including new academic programs and international collaborations, aligning with the university's strategic goals.

FACILITATORS OF WORKSHOPS AND CONSULTATION SESSIONS

Mr. Abdullah Alshamrani

General Manager, Digital Entrepreneurship Center of Ministry of Communications and Information Technology

He accelerating the growth of Digital economy of Entrepreneurship ecosystem in Saudi Arabia.

He supports entrepreneurs at every stage of their journey, helps the entrepreneurs to achieve their goals, working towards creating positive social and economic change, transforming the ideas into innovative tech solutions that's accessible to anyone, he helps to create an enabling environment in digital Entrepreneurship for enterprises towards an international connected present and an innovative future. He has developed national strategy to support entrepreneur of Kingdom through different endures such as incubators, accelerators and competitions.

Mr. Yousef Abu Baker

Digital Innovation Program Manager, Center of Digital Entrepreneurship, Ministry of Communication and Information Technology

Yousef Abu Bakar, currently serving as the program manager of Digital Innovation at the Ministry of Communications and Information Technology, has left a profound impact on the entrepreneurial landscape of Saudi Arabia. In addition to his governmental role, Yousef is deeply entrenched in the startup ecosystem as a co-founder and partner in several startups, and he actively participates as an angel investor in numerous projects, showcasing his unwavering commitment to fostering entrepreneurship and innovation.

At the heart of his efforts lies the CODE Labs, a collaborative endeavor with universities that has provided essential support to nearly 300 startup companies. Through the Labs's comprehensive services, including incubation, financial backing, and the establishment of a vibrant entrepreneurial community, CODE Labs has facilitated the growth and success of these startups. Moreover, the center's diverse range of services and events has benefitted over 15,000 individuals, empowering them with the needed resources and opportunities.

Mr. Bader AlSaif

Entrepreneur and investor, Digital Entrepreneurship Center of Ministry of Communications and Information Technology

Currently managing the Center Of Digital Entrepreneurship (CODE) by MCIT. Bader helps tech enthusiasts turn their ideas into tech start-up companies in today's tough market. With a global outlook, he has worked with entrepreneurs from across the world, making him a bridge to international success.

Mr. Hadi AlShakhori

Program Manager, Digital Entrepreneurship Center of Ministry of Communications and Information Technology

With a degree in software development from Canada and a Masters degree in Entrepreneurship and Innovation from France, Hadi is a true innovator who is passionate about supporting founders on their journey to success. As an advocate for innovation and as a technology consultant, Hadi has been a key player in some of the region's most prestigious startup events.

Prof. Mohammed Abdullah Aseeri

Vice-Chairman of the Board of Directors of the Association for Scientific Research and Innovation (ASRI), KACST

Prof. Mohammed Abdullah Aseeri, Vice-Chairman of the Board of Directors of the Association for Scientific Research and Innovation (ASRI), holds a Bachelor's Degree in Electrical Engineering and Computer Engineering and an MSc in Electrical Engineering and Computer Engineering, Electronics, and Communications from King Abdulaziz University. He earned his PhD in Electronics from the University of Kent, Canterbury, England. Additionally, he is an authorized consultant engineer certified by the Saudi Council of Engineers (SCE), with credentials including PMP certification from PMI, CCMP from ACMP, and KPI certification from George Washington University. Dr. Aseeri has conducted research at esteemed institutions such as the Australian National University (ANU) and the University of Canberra (UC) in Australia. As a senior member of both the Institute of Electrical and Electronics Engineers (IEEE) and the Institute of Engineering and Technology (IET), he has contributed significantly to the field, publishing numerous papers in esteemed journals and conferences and holding several patents. Dr. Aseeri is also the author of a published book on innovation, titled "The Locomotive of Sustainable Development."

Eng. Mohammed Dojan Alharbi

Director of Governance and Compliance, KACST

Eng. Mohammed Dojan Alharbi serves as the Director of Governance and Compliance, bringing extensive expertise to the role. He holds a bachelor's degree in cybersecurity and boasts over nine years of experience in IT management. With a focus on cybersecurity, he has dedicated over three years to excelling in this specialized field. Eng. Alharbi's depth of knowledge and commitment to excellence make him an invaluable asset in ensuring the security and efficiency of organizational operations.

Dr. Abdulaziz Omar AlQabbany

Assistant Research Professor, Artificial Intelligence and Robotics Institute, KACST

Dr. Abdulaziz Omar AlQabbany, Assistant Research Professor at the Artificial Intelligence and Robotics Institute - KACST, is a seasoned professional with a Ph.D. in Computer Science. With a proven track record in the information technology and services industry, Dr. AlQabbany brings a wealth of experience to his role. He specializes in Artificial Intelligence, Big Data Analytics, Stream Learning, Natural Language Processing, and Project Management, showcasing a strong passion for advancing these fields through research and innovation.

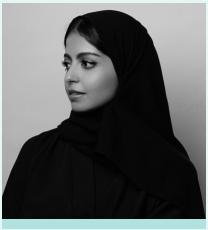
Dr. Sultan Alzahrani

General Manager of Digital Health Institute, Co-director of Decision Support Center

Dr. Sultan Alzahrani holds a Ph.D in Computer Science and serves as the General Manager of the Digital Health Institute at KACST. He is also the Co-Director of the KACST Joint Center of Decision Support Center, working in modeling and simulation for prototyping innovative projects in collaboration with Boeing. He obtained his Ph.D. In Computer Science from Arizona State University, he focuses on intelligence, machine learning, and graph network analysis. Dr. Alzahrani has authored research papers and a role in various projects and organizations. His outstanding skills and leadership have been acknowledged through awards for his efforts to advance health and AI technologies.

Ms. Ahad Alhuthali

Art director at Nawawi Studio



Ahad Alhuthali. I'm an art director at Nawawi Studio with 7 years of experience in Advertising, Campaigns, and Design. I'm your reliable go-to performer, I never fail to deliver outcomes that are nothing short of superb. Count on me to be there, always dependable and remarkable in my contributions.

Mr. Mohammad Khan

Photography, Filmmaker\Team lead at Nawawi Studio

Mr.Mohammad is an all-in player, known for his unwavering dedication and workaholic nature. As a reliable and responsible go-to person, he is fueled by a sense of purpose and is always busy, running toward his goals. With 8 years of experience in the field, he brings a wealth of knowledge and expertise to the table.

CONFERENCE PAPERS SESSIONS

	PAPER TITLE	AUTHORS	PPER ID
TRACK A– SUSTAINABLE TECHNOLOGIES AND DIGITAL TRANSFORMATION			
1.	A Research Framework to Identify Determinants for Smart Technology Adoption in Rural Regions	**Salem Alabdali, Salvatore Flavio Pileggi**	**3**
2.	Evaluation of State-of-the-Art Models for Advancing Plant Disease Diagnosis through Deep Learning: A Sustainable Approach	**Masud Kabir and Sami Ekici**	**5**
3.	Understanding Factors Influence Students' Readiness to Utilize Artificial Intelligence in Higher Education	**Sarah Alrefaei and Reem Orfali**	**176**
4.	Amber Alert: Unveiling an AI Solution for Enhanced Missing Persons Searches	**Pronaya Bhattacharya , Pushan Kumar Dutta , Bhisham Sharma , Subrata Chowdhury , and Imed Ben Dhaou**	**154**
5.	Efficient Text Extraction from Product Images using Deep Learning and Parallel Computing	**"Sara A. Kamal , Samr A. Alhawsaw , Faiza Turkestani , Teif T. Aldadi , Shatha M. Alshareef , Malak Aljabri , Afnan M. Mahran"**	**28**
6.	IoMT: Blockchain-Enabled Authenticated Key Management Protocol	**R. Rajmohan Rajmohan, K. Suresh Kumar, Bhisham Sharma and Imed Ben Dhaou**	**160**
7.	Through the Lens: A Deep Dive into IP Camera Security and Privacy Challenges	**Homam El-Taj, Reema Albuluwi, Lulua Alshumesi, Lamar Miralam, Rania Alammari and Hagar Amer**	**20**
8.	Implementation of an E-Scooter Micro-Mobility Pilot Study: Towards A Sustainable Smart Riyadh Mobility	**Omar Tayan, Ahmad Showail, Mohammed Al-Sharif and Maher Shirah**	**117**
9.	Towards Sustainable Neighborhoods: Mitigating Climate Change through Decentralization	**Suman Mansur Faruqui**	**26**
10.	An Urban Resilience Conceptual Framework: A Tool to Enhance City Planning	**Omar Dakhil , Mohamed M. H. Maatouk , and Mohamed Aljoufie**	**55**
11.	Smart Classification Recycle Bin with a Reward Point System	**Rasha Atwah, Rewaa Barakat, Taraf Alsubaie and Dana Zuhairy**	**17**
12.	Interactive Proposed Risk Assessment System for Monitoring Rainfall Areas	**Ali Al-Shaery**	**31**

CONFERENCE PAPERS SESSIONS

TITLE	AUTHORS	PAPER ID
TRACK B– CREATIVITY AND SUSTAINABL E DESIGN		
11. Sustainable Financing Options for Business Entrepreneurs in Post-Insurgency Northeast Nigeria	**Ali Baba Musami**	**34**
12. Roadmap for Enabling a Sustainable Development of 6G in Saudi Arabia	**Nadine Akkari**	**161**
13. Automating Compliance Evidence Extraction with Machine Learning	**Sunday Olatunji, Abdulrahman Almuhaidib, Abdulaziz Alhuwaishil, Ahmad Al Arfaj, Khalifah Alzwaimel, Hassan Alsaleem, Abdulaziz Alsudais, Naeem Owaida, Fahd Alhaidari and Sghaier Chabani**	**41**
14. Technology Use in Care Delivery: How Are Physicians Doing It and What Is Its Impact on Their Well-being?	**Dalia Yahia M. El Kheir, Ammar Alnujaidi, Farah Aljufri, Mohammed Al Ibrahim, Hussam Alsafwani, Mohammed Alkhater, Mohammed Hussain Alameer, Mohammed Almousa, Mohammed Abdulwali A Al Yahya, Loay Mohammed Bojubara and Razan Alshammari**	**175**
15. Evaluation of Dynamic-IoTrust: A Dynamic Access Control for IoT Based on Smart Contracts	**Eman Samkri and Norah Farooqi**	**6**
16. Masarat-Integrated Study Management and Supporting System for University Students	**Norah Al-Theeb, Reema Al-Zahrani, Arwa Al-Otibi, Ashwaq Al-Harbi and Reem, Al-Aqeel -Dr Yasser Bamarouf, Dr Gomathi Krishna, Ms. Asiya Abdus Salam**	**143**
17. AI-Driven Tools for Optimizing Walkability in Urban Environments: A case study of Saudia Arabia	**Salma Zafar and Mohammed Mansour Gomaa**	**123**
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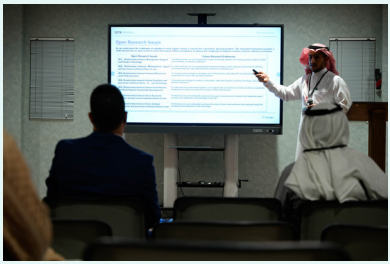

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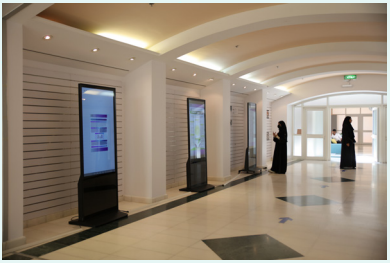

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dahcon@dah.edu.sa
+966 126 303 333
EXT 360
6702 Prince Majed-Al Faiha, Unit No.2, JEDDAH
22246 - 4872,KSA