



Western Saudi Arabia Section

ICAISC 2025

The 2nd International Conference on
Advanced Innovations in Smart Cities

Day 1- Opening Ceremony of ICAISC 2025

Time: 10:00-11:10

Venue: Main Theater

#	Topic	Time	Keynote Speaker	Link to live
1	The Transformative Potential of Integrating AI in Healthcare Within the Framework of Smart Cities	10:25 - 10:40	Prof. Mona Alshaikh	● LIVE
2	Measuring What Matters: Challenges in Smart City Indices and Their Impact on Urban Well-Being	10:40 - 10:55	Dr. Samer Yamak	● LIVE



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Day 1: 9-2-2025- Room 207- Session 1

Paper ID	Title	Time	Authors	Link to live
6	A Simultaneous Confusion-Diffusion Structure for Fast Image Encryption Based on Plaintext-Related Mechanism and Dynamic Josephus Trajectory	11:15 - 11:35	Ahmed Kareem Shibeab, Salah Albermany and Sadiq A. Mehdi	● LIVE
18	Intrusion Detection for Internet of Medical Things (IoMT) using Extreme Learning Machine	11:35 - 11:55	Asma Cherif	● LIVE
24	Analysis of Machine Learning Techniques for URL Phishing Detection: Protect Users	11:55 - 12:15	Adel Albishri and Mohamed Dessouky	● LIVE
28	A survey on protecting users against phishing attacks	12:15 - 12:35	Adel Albishri and Mohamed Dessouky	● LIVE

Day 1: 9-2-2025- Room 213 - Session 1

31	Performance and Implementation Comparison of Knuth-Morris-Pratt and Boyer-Moore String Search Algorithms	11:15 - 11:35	Taj Saleh, Fatma Corut Ergin, Malek Malkawi and Reda Alhajj	● LIVE
38	Remote Blood Sampling Collection	11:35 - 11:55	Maha Alyzedi, Noor Alnahdi, Ghydaa Alammash and Salma Elhag	● LIVE
40	Smart Attendance Management System in Student Housing: A Case Study at King Abdulaziz University	11:55 - 12:15	Rana Almabadi, Bashaer Alharbi, Rawan Alamri and Salma Elhag Elhag	● LIVE
57	Molecular Precision Diagnostic Medicine in Cancer	12:15 - 12:35	Mram Almalki, Gady Alamri, Manal Alsadidi, Ghadi Alshaeri and Salma Elhag	● LIVE



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Day 1: 9-2-2025 – Room 216 Session 2

Paper ID	Title	Time	Authors	Link to live
15	Using Machine Learning Techniques to Moderate CO2 Emission in KSA Future Smart Cities	01:30 - 01:50	Hossam Meshref, Arwa Alshanbari, Shahd Altalhi, Samaher Alsharif, Ghalia Alharthi and Razan Althubiti	● LIVE
16	Smart Visual Pollution Detection System	01:50 - 02:10	Rothana Alsolami, Rasha Atwah, Ranad Alajlani and Sara Alhajaili	● LIVE
44	Privacy in Smart Digital Healthcare During Hajj and Umrah: Challenges and Recommendations	02:10 - 02:30	Ahmed Alhazmi	● LIVE
49	Enhancing Traffic Safety by Strategically Placing Roadside Units for Connected Vehicles: Intercity Roads	02:30 - 02:50	Ahmed T. M. Halawani	● LIVE
19	Protecting privacy and securing smart home network based on Zero Trust Network approach	02:50 - 03:10	Maryam Abdulaziz M. Alghamdi and Rahmat Budiarto	● LIVE
160	Digital Twin Environment with Reinforcement Learning based on Traffic Control	03:10 - 03:30	Haythem Alhumud, Ahmed Almohammed Ghadir Aljubara, Ashwaq Alghafliyy and Ahlam Alanzi	● LIVE