

Tentative Programs Schedule

Organized by:

Computer Center,
University of Mosul,
IRAQ



Conference Venue

Dr. Mahmoud Al-Jalili Hall,
University of Mosul, Mosul,
Iraq

1ST INTERNATIONAL CONFERENCE ON NEWFANGLED TRENDS IN SUSTAINABLE TECHNOLOGIES NTST-2026

NTST-2026

will be held in a hybrid format
(in-person and virtual participation).
University of Mosul, Mosul, IRAQ



Where

Computer Center,
University of Mosul,
Mosul, Iraq



When

11-12 Feb. 2026



Mode

In-Person & Online

Conference Chairs:

Honorable Chair:



- Prof. Dr. Waheed Mahmoud Al-Ibrahimi (University President)

Conference Chair:



- Prof. Dr. Dhuha Basheer Abdullah Albazaz (Dean of college of Computer Science and Mathematicse)

Co-Chairs:

- Omar Ismael Al-Sanjary
- Basim Mahmood
- Mohammed Aldabagh
- Zohair Al-Ameen



NTST-2026

Tentative Programs Schedule

DAY 1: 11-2-2026 (Wednesday)	
Conference Venue: Dr. Mahmoud Al-Jalili Hall, University of Mosul, Mosul, Iraq	
8:00 am	NTST-2026 Conference Registration and Reception
9:00 – 9:15 am	Opening Ceremony and Welcome
9:15 - 9:45 am	Speech of the Honorable Chair: Prof. Dr. Waheed Mahmoud Al-Ibrahimi (University President) (10 minutes) Speech of the Conference Chair: Prof. Dr. Dhuha Basheer Abdullah Albazaz (10 minutes)
9:45 – 9:30 am	keynote Speaker - Assistant Professor Dr Zurida Ishak Universiti Tunku Abdul Rahman (UTAR) <i>(AI Governance for Sustainable Technologies: Building Trust, Accountability, and Long-Term Impact)</i>
	- Assistant Professor Dr. Marwan D. Saleh University of Southampton Malaysia <i>(Securing What Sustains Us: Cyber Risk in a Sustainable World)</i>
10:30am	Coffee Break
11:30pm	Continue and move to Technical Session 1: Deanship Hall (A research Paper Title Presentation)
2:00pm	Lunch Break

A research Paper Title Presentation

قاعة الأولى (داخل عمادة كلية علوم الحاسوب والرياضيات)
Session 1: Deanship Hall

DAY 1: 11-2-2026 (Wednesday)

Session Chair: Dr. Baydaa Ibraheem Khaleel

Co-Chair: Dr. Amira Istiqlal Badran

Online meeting: (NTST-2026) Conference

Wednesday, February 11 (1:30 am– 3:00pm)

Time zone: Asia/University of Mosul

Google Meet joining info

Video call link: <https://meet.google.com/ajn-onjc-xrx>

Paper ID	Time	Paper Title and Author name
78	1:00 - 1:15pm	Real-time Big Data and Streaming Analytics Frameworks to Manage Smart City Traffic: Review <i>Authors: Radwan Abdullah (University of Mosul), Dhuha Basheer Abdullah (University of Mosul)</i>
73	1:30 - 1:45pm	Smart Crisis-Response Robot for Rapid First Aid in Collapsed Buildings <i>Authors: Mohammad Tarik Mohammad (University of Mosul)*; Banan k. Abdulkader (University of Mosul); Neaam R. Ahmed (University of Mosul)</i>
81	1:45- 2:00pm	Augmented Reality for Industrial Maintenance: A Systematic Literature Review of Real-Time Assistance Systems <i>Authors:; Mohammed Islam (University of Mosul); Dhuha Basheer Abdullah (University of Mosul)*, Zeena Al-Kateeb (University of Mosul)</i>
51	2:00- 2:15pm	Multi-Feature Integration with Adaptive Gated Fusion for Fake News Detection <i>Author: Waffaa i Mohammed Ali (Department of Anatomy, Histology, and Embryology. College of Veterinary Medicine, University of Shatrah, Thi-Qar); Fuqdan Al-Ibraheemi (College of Dentistry, University of Al-Ameed, Karbala, PO Box 198, Iraq); Mohammed AL-Rekabi AL-Rekabi (Department of Computer Engineering, College of Engineering, University of Shatrah, Thi-Qar); Hussein Al-kaabi (Vocational Edu Iraq)*; Ali Kadhim Jasim (Imam Ja'afar Al-Sadiq University, Maysan)</i>
39	2:15 – 2:30pm	Real-Time Detection and Prevention of AI-Based Identity Fraud in E-Learning Systems through Behavioral Analytics: Keystrokes Monitoring Approach <i>Authors: Fatima Dahal (Imam alkadhum university college)*; Ali A. Yassin (University of Basrah); Zaid Ameen Abduljabbar (University of Basrah); Vincent Omollo Nyangaresi (Jaramogi Oginga Odinga University of Science)</i>
37	2:30 – 2:45pm	Machine Learning based System for wildfire detection <i>Authors: Abdalruman Younis (University of Mosul)*</i>
25	2:45 – 3:00pm	The Role of Artificial Intelligence in Developing Facades to Enhance Technological Sustainability in Educational Buildings <i>Authors : Asmaa alfakhry (university of mosul)</i>

A research Paper Title Presentation

قاعة الأولى (داخل عمادة كلية علوم الحاسوب والرياضيات)
Session 2: Deanship Hall

DAY 2: 12-2-2026 (Thursday)

Session Chair: Dr. Najla Akram Younis

Co-Chair: Dr. Ibraheem Mohmmmed Ahmed

Online meeting: (NTST-2026) Conference

Thursday, February 12 · (9:00am – 3:30pm)

Time zone: Asia/University of Mosul

Google Meet joining info

Video call link: <https://meet.google.com/bks-wdbx-afs>

Paper ID	Time	Paper Title and Author name	
28	9:00 - 9:15am	Blockchain's Impact on Risk and Fraud Management: A Comparative Study of Leading Global Banks <i>Authors : Neaam Raied (University of Mosul); Salah Alabady (University of Mosul)</i>	 
32	9:15 - 9:30am	Millimeter-Wave Transmission Improvement using mMIMO and Adaptive MVDR Beamforming with 2D-DOA User Clustering <i>Authors: Rosin R. Kareem (University of Mosul); Saad Ayoob (University of Mosul)*; Omar Mostafa Ali (University of Mosul)</i>	
35	9:30- 9:45am	Multi-Chain PEGASIS Enhancements with Energy-Aware Leader Selection for Prolonged WSN Lifetime <i>Authors: Qamar Abdullah (University of Mosul); Salah Alabady (University of Mosul)*</i>	 
36	9:45- 10:00am	An Evolutionary-Hybrid Deep Learning Model for Intrusion Detection in Software-Defined Networking (SDN) <i>Author: Dalia Ahmed (Al-mustansiriah university)*; Abbas Abdulhameed (Al-mustansiriah university); Methaq Gaata (Al-mustansiriah university)</i>	 
54	10:00 – 10:15am	Energy Efficient Data Collection Techniques in WSN Using Mobile Sink <i>Authors: Yusra Ayub (University of Mosul); Salah Alabady (University of Mosul)*</i>	 
68	10:15- 10:30am	Enhancing Content Distributed Security in Content Delivery Network by Using Proxy Re Encryption <i>Authors: Saja Hamid (University of Mosul)*; Dujan Taha (University of Mosul)</i>	 
79	10:30 – 10:45am	Smart Umbrella with Object Detection Camera Using IoT and Raspberry Pi Technology <i>Authors: Murtadha Al-Ghadhanfari (Computer Center, University of Mosul)*; Dheyaa Al-Obaidi (Computer Center, University of Mosul)</i>	 
33	10:45- 11:00am	Intelligent and Unified Approaches for Verifying Consistency Between Design and Code in Software Engineering: A Literature Review <i>Authors: Rafal Theyab Altheyab Ashraf Abdulmajeed (Ministry of Education)</i>	 
47	11:00 – 11:15am	Software Code Clone Detection: A literature Review <i>Authors: Zahraa Mohamed (Mosul University)*; Nada Saleem (University of Mosul)</i>	 

A research Paper Title Presentation

قاعة الفضاء الالكتروني (مجاور عمادة كلية علوم الحاسوب والرياضيات)

Session 3: CyberSpace Hall

DAY 2: 12-2-2026 (Thursday)

Session Chair: Dr. Ibraheem Ahmed Salih

Co-Chair: Dr. Ahmed Farooq Qasim

Online meeting: (NTST-2026) Conference

Thursday, February 12 · (9:00am – 3:30pm)

Time zone: Asia/University of Mosul

Google Meet joining info

Video call link: <https://meet.google.com/ddg-enzv-bax>

Paper ID	Time	Paper Title and Author name	
30	9:00 - 9:15am	An Integrated Cryptographic Scheme for Multi-Modal Data Using Optimized S-Box Construction <i>Authors: Firas mahmod (College of Computer Science and Mathematics, Department of Computer Science)</i>	   
77	9:15 - 9:30am	Data Encryption Tools and Their Applications: A Review <i>Authors: Ahmed Khudhur (University of Mosul); Shahd Hasso (University of Mosul)*</i>	   
80	9:30- 9:45am	Evaluation of the CodeT5 Generative Artificial Intelligence Model for Translating Pseudocode to C++ language: A Comparative Analysis with Traditional Base AI Models <i>Authors: Amina Hamid (University of Mosul)</i>	   
44	9:45- 10:00am	Double Pre--Test Shrinkage Estimation for the Shape Parameter of the Pareto Distribution Using Progressive Type-II Censored Samples under a Precautionary Loss Function <i>Authors: Omer j (university of Thi-Qar)*; Alaa Khlaif Jiheel (University of Thi-Qar, College of Education for Pure Science, Department of Mathematics)</i>	   
62	10:00 – 10:15am	Convergence Analysis of a novel Algorithm for the Split Tri-Equilibrium issue in Hilbert Spaces <i>Authors: WIJDAN SAEED (Univercity of Thi-Qar)</i>	   
29	10:15- 10:30am	Evaluating Machine Learning Approaches for Identifying High Sustainability Debt in Software Projects <i>Authors: Zena Altaiy (College of Computer Science and Mathematics, Department of Computer Science)*</i>	   
61	10:30 – 10:45am	An Advanced Vision of the Nanotechnology Architecture During the New Millennium/ A Review <i>Authors: sarar thamer (University of Mosul)*</i>	   