

INTERNATIONAL CONFERENCE ON DIGITAL TECHNOLOGIES AND APPLICATIONS

ICDTA-GLOBAL

OCTOBER 09-10, 2026, NEW YORK, USA

CONFERENCE PROGRAM

NEW YORK, USA



VAUGHN COLLEGE OF
AERONAUTICS AND TECHNOLOGY

MEDIA PARTNERS



Vaughn College



[HTTPS://ICDTA.MA](https://icdta.ma)

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TECHNICAL COOPERATION



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OCTOBER 09-10,
2026

VAUGHN COLLEGE
OF AERONAUTICS
AND TECHNOLOGY
86-01 23rd Avenue,
Flushing, New York



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WELCOME MESSAGE

It is my great pleasure to welcome you to ICDTA-Global 2026, the 6th International Conference on Digital Technologies and Applications, hosted at Vaughn College of Aeronautics and Technology in New York, USA, on October 9–10, 2026.

On behalf of Vaughn College and the Local Organizing Committee, I am delighted to welcome researchers, academics, industry professionals, students, and distinguished guests joining us both in person and online from around the world.

ICDTA-Global provides an international platform for sharing research, exchanging ideas, and fostering collaboration across the rapidly evolving fields of Artificial Intelligence, Digital Transformation, Machine and Deep Learning, Internet of Things, Cybersecurity, Blockchain, Control Systems, Robotics, Embedded Systems, Energy, and other emerging digital technologies and their applications.

This sixth edition brings together a diverse international community through a rich program of plenary talks, oral presentations, poster presentations, exhibitions, and networking opportunities. Beyond the scientific sessions, we hope that ICDTA-Global will encourage new collaborations between universities, researchers, industry, and institutions and contribute to building lasting international partnerships.

Hosting ICDTA-Global 2026 in New York is particularly meaningful. As a global center of innovation, technology, education, and cultural diversity, New York provides an inspiring environment in which researchers from different countries and disciplines can meet, exchange perspectives, and develop new ideas.

I would like to express my sincere appreciation to the conference leadership, organizing and scientific committees, keynote and invited speakers, session chairs, reviewers, partners, and volunteers whose dedication has made this international gathering possible. I also extend my warmest thanks to all authors and participants for choosing ICDTA-Global as a platform to share their work.

We are honored to welcome you to Vaughn College of Aeronautics and Technology, and I hope that your participation in ICDTA-Global 2026 will be scientifically rewarding, professionally valuable, and personally memorable.

Welcome to ICDTA-Global 2026, welcome to Vaughn College, and welcome to New York.

Local Chair

DR. SANAA FAQUIR

Engineering and Technology Department
Vaughn College of Aeronautics and Technology
New York, USA



COMMITTEES

HONORARY COMMITTEE

Dr. Sharon B. DeVivo	President and CEO Vaughn College of Aeronautics and Technology New York, USA
Dr. Paul LaVergne	Vice President Academic Affairs Vaughn College of Aeronautics and Technology New York, USA
Dr. Hossein Rahemi	Department Chair, Engineering and Technology Vaughn College of Aeronautics and Technology New York, USA

LOCAL CHAIR

Dr. Sanaa FAQUIR	Vaughn College of Aeronautics and Technology New York, USA
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ORGANIZING COMMITTEE

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Dr. Mohammed Benalla	
Dr. Margaret Ducharme	
Dr. Miguel Bustamante	
Jonathan Sypeck	
Elaine T. White	
Debbie Bari	



FRIDAY, 09 OCTOBER
NEW YORK TIME (EDT, UTC-4)

8:00- 9:00 AM	Welcoming Participants	
9:00-10:00 AM		Official Opening of the Conference Moderator: Ghania Benbelkacem (Vaughn College of Aeronautics and Technology, New York, USA)
	Dr. Sharon B. DeVivo	President and CEO Vaughn College of Aeronautics and Technology New York, USA
	Dr. Paul LaVergne	Vice President Academic Affairs Vaughn College of Aeronautics and Technology New York, USA
	Dr. Hossein Rahemi	Department Chair, Engineering and Technology Vaughn College of Aeronautics and Technology New York, USA
	Dr. Sanaa FAQUIR	Local Chair Vaughn College of Aeronautics and Technology New York, USA
	Dr. Saad Motahhir	Co-Founder of ICDTA-Global USMBA, Fez, Morocco
Meet Link	meet.google.com/xmj-fpij-nwt	
10:00-11:00 AM	Plenary Session 1: In Person & Online Moderators: Sanaa Faquir (New York, USA), Lobna A. Said (Nile University, Egypt) Speaker 1: Wayne J. Levin, M.A.Sc., P.Eng (President & CEO. Predictum Inc, Canada) Philip Ramsey, Ph.D (VP Data Science Training & Consulting, Predictum Inc) “Bad Research Costs the US Economy Billions Per Year: The Fix is Straightforward Using Sound Experimental Methods and Machine Learning for Analyses” Speaker 2: Prof. Kaoutar El Maghraoui (AI Hardware Center, New York, USA) “Efficient LLM Inference: From Cloud to the Edge – Hardware-Software Co-Design in Practice”	
11:00-11:30 AM	Coffee Break, Exhibition & Poster Session	
11:30–1:30 PM	Oral Session P-1 (In Person)	AI & Machine Learning Applications
	Oral Session P-2 (In Person)	Digital Transformation, Education & Society
	Oral Session P-3 (In Person)	Control, Energy, Robotics & Aerospace
	Oral Session P-4 (In Person)	Cybersecurity, Digital Infrastructure & Smart Systems
1:30-3:00 PM	Networking & Lunch Break & Posters	
Meet Link	meet.google.com/uri-pdro-huu	
3:00-4:30 PM	Plenary Session 2: In Person & Online Moderators: Jonathan Sypeck (New York, USA), Mohammed Benalla (New York, USA) Speaker 3: Diana Nassar (Prime Video, New York, USA) “ <u>Product Management with AI</u> ” Speaker 4: Amir Toliyat, Ph.D. (College of Staten Island, City University of New York (CUNY), New York, USA) “ <u>Responsible AI for Marketing Decision Support: Risk, Trust, and LLM-Driven Customer Analytics</u> ”	
4:30- 5:00 PM	Coffee Break, Exhibition & Poster Session	



SATURDAY, 10 OCTOBER 2026
NEW YORK TIME (EDT, UTC-4)

9:00–12:00 AM	Oral Session O-1 (Online): AI in Healthcare & Biomedical Applications
	Oral Session O-2 (Online):AI in Business, Finance & Economics
	Oral Session O-3 (Online):AI for Marketing, Consumer Behavior & HR
	Oral Session O-4 (Online):AI for Education, Society & Responsible AI
	Oral Session O-5 (Online):NLP, LLMs & Knowledge Systems
	Oral Session O-6 (Online):Computer Vision, Multimedia & Intelligent Perception
	Oral Session O-7 (Online):AI for Industry, Supply Chains & Smart Operations
	Oral Session O-8 (Online):AI for Sustainability, Mobility & Smart Environments
	Oral Session O-9 (Online):Digital Transformation in Public Sector & Governance
	Oral Session O-10 (Online):Digital Transformation in Banking, Finance & FinTech
1:00–4:00 PM	Oral Session O-11 (Online): Digital Business Models, SMEs & Organizational Transformation
	Oral Session O-12 (Online):Digital Marketing, Retail & Consumer Experience
	Oral Session O-13 (Online):Digital Transformation for Sustainability, Industry & Supply Chains
	Oral Session O-14 (Online):Digital Transformation in Health, Education & Society
	Oral Session O-15 (Online):Machine Learning, Predictive Analytics & Decision Systems
	Oral Session O-16 (Online): Deep Learning, Multimodal AI & Advanced Analytics
	Oral Session O-17 (Online): AI-Enhanced Education & Academic Practice
	Oral Session O-18 (Online): Digital Education, Learning Analytics & Educational Technologies
	Oral Session O-19 (Online): Blockchain, Cybersecurity & Trustworthy Digital Systems
	Oral Session O-20 (Online): Data Analytics, IoT, Networks & Cloud Infrastructure
	Oral Session O-21 (Online): Digital Technologies for Energy, Power Systems & Smart Grids
	Oral Session O-22 (Online): Control, Robotics, Embedded Systems & Mechatronics



SPEAKERS



AMIR TOLIYAT PH.D.

Dr. Amir Toliyat is an Assistant Professor of Information Systems & Informatics in the Department of Marketing at the Lucille and Jay Chazanoff School of Business, College of Staten Island, City University of New York. His research interests include responsible artificial intelligence, natural language processing, large language models, machine learning, data analytics, cybersecurity, and AI-supported decision-making. His work focuses on the reliability, fairness, trustworthiness, and organizational risks of using artificial intelligence in business and other high-stakes environments. His current research examines responsible AI and risk-aware decision support for marketing and customer analytics. His previous research has included trustworthy AI for aviation communications, anomaly and risk detection, inter-annotator agreement, and hate-speech analysis. Prior to joining the College of Staten Island, he served as an Assistant Professor at Vaughn College of Aeronautics and Technology.



DIANA NASSAR

Diana Nassar is a Product Management leader at Prime Video. She has led 0-to-1 innovations and large-scale global launches at the intersection of technology, media, and e-commerce across the US and the Middle East. Diana holds an MBA from the Stanford Graduate School of Business and a Bachelor's in Computer Engineering from the University of Jordan. She is passionate about leveraging technology to create meaningful cultural and social impact.



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SPEAKERS



KAOUTAR EL MAGHRAOUI

Dr. Kaoutar El Maghraoui is a principal research scientist at the IBM Research AI organization where she is focusing on innovations at the intersection of systems and artificial intelligence. She is an adjunct professor of computer science at Columbia University, New York. She leads the End-Use experimental AI testbed of the IBM Research AI Hardware Center, a global research hub focusing on enabling next-generation chips and systems for AI workloads. She is responsible for the open-source development and cloud end-user experience for IBM's emerging Digital and Analog AI accelerators. She is currently focusing on the operationalization aspects of AI systems in hybrid cloud environments. Kaoutar has extensive experience and deep expertise in HPC, systems software, Cloud computing, and machine learning.

Kaoutar co-led IBM's Global Technology Outlook in 2017. She worked on creating IBM's vision for the future of IT across global labs and business units, focusing on IBM's AI leadership. Before that, she was a member of the scalable systems groups, where she researched several aspects of the AIX operating system, such as performance, multi-thread and multi-core scheduling, Flash SSD storage, OS crash diagnosis and recovery, interactions with systems architecture, and applying analytics techniques for OS problem diagnosis. She led a research project to use IBM Watson's cognitive technology to systems problem diagnosis and resolution for the POWER platform. Her primary research interests are cloud computing, operating systems, high-performance computing, distributed systems, and analytics.

Kaoutar obtained a Ph.D degree in Computer Science in 2007 from Rensselaer Polytechnic Institute (RPI), Troy, New York, and a Master's degree in Computer Networks in 2001 from Al Akhawayn University, Morocco. She was a lecturer of Computer Science in the School of Science and Engineering at Al Akhawayn University in 2001 and 2002. She was recognized with several awards, including the Robert McNaughton Award for best thesis in computer science, Best of IBM award in 2021, IBM's Eminence and Excellence award for leadership in increasing Women's presence in science and technology, several IBM outstanding technical accomplishments, 2021 IEEE TCSVC Women in Service Computing award, and 2022 IBM Technical Corporate award.

She is an ACM Distinguished Member, Senior IEEE Member, and member of the Society of Women Engineers, TinyML foundation, and AnitaB.org. Kaoutar has co-authored several conferences and journal publications in systems research, distributed systems and high-performance computing. She has served in many technical conferences as co-chair, member of the program committee, and reviewer.

Dr. Kaoutar El Maghraoui is the global vice-chair of the Arab Women in Computing (ArabWIC) Anita Borg Institute Systems' community. She is very passionate about mentoring, promoting, and increasing the participation of women in STEM and computing fields. She has been an active member of the leadership team of the Grace Hopper Conference (GHC), the world's largest conference of women in computing. Under her leadership, she helped put together the most International poster/career track committees the conference has ever had. She served as the program Co-Chair of GHC in 2015 and the general Co-Chair of GHC in 2016.



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SPEAKERS



WAYNE J. LEVIN

Wayne J. Levin is the President and CEO of Predictum Inc., with more than 30 years of experience helping organizations in research and development, engineering, science, and manufacturing solve complex problems through advanced analytics and data-driven methodologies. He specializes in statistical and predictive analytics, design and analysis of experiments, machine learning, analytical automation, and knowledge management. Under his leadership, Predictum develops innovative analytical solutions designed to accelerate research, improve manufacturing performance, increase yields, and enhance organizational productivity. He is also an experienced instructor and speaker in statistical methods and has maintained a longstanding collaboration with JMP. Wayne holds an M.A.Sc. in Engineering from the University of Waterloo and a B.A.Sc. in Industrial Engineering from the University of Toronto. He is a licensed Professional Engineer (P.Eng.) through Professional Engineers Ontario.

His work is particularly relevant to AI/ML, predictive modeling and experimental design. He has been involved in work on Self-Validating Ensemble Modeling (SVEM), which combines ideas from machine learning with design of experiments to build predictive models from the relatively small datasets commonly encountered in industrial experimentation.



PHILIP RAMSEY, PH.D

Dr. Philip Ramsey is the Vice President of Data Science Training & Consulting at Predictum Inc. and a Professor in the Department of Mathematics and Statistics at the University of New Hampshire. He specializes in modern experimental design and analysis strategies and the application of statistics, data science, and machine learning to engineering and scientific problems. Dr. Ramsey has extensive experience in industrial statistical consulting and has held technical positions at McDonnell Douglas, Alcoa Technical Center, and Rohm & Haas Electronic Materials. His work spans design of experiments, predictive modeling, machine learning, statistical quality improvement, and advanced analytical methodologies, including Self-Validating Ensemble Modeling. He teaches undergraduate and graduate courses in design of experiments, machine learning, and statistical methods for quality improvement. Dr. Ramsey holds a Ph.D. in Statistics from Virginia Polytechnic Institute and State University.

ORAL SESSION P-1 (IN PERSON)	AI & MACHINE LEARNING APPLICATIONS FRIDAY, 09 OCTOBER 11:30–1:30 PM - (E203)
MODERATORS	Amir Toliyat (College of Staten Island-CUNY, NY, USA) Binara Imankulova (SDU University, Kazakhstan) Dejolie Christelle (Hostos Community College, NJ, USA)
120	Cong Doan Truong and Minh Tung Tran Generative AI in Media Education: Advancing Responsible Pedagogy and Ethical AI Literacy for Social Good
129	Nguyen Minh Huy Duong, Minh Tung Tran AI-Powered Storytelling: The Future of Branded Content
198	Cassidy Gorman, Amir Toliyat, Maryam Vatankhah, and Christopher Fuller Hybrid Explainable Anomaly Detection in Structured Data Streams
271	Cong Doan Truong Graph Neural Network-Based Portfolio Optimization for S&P 100 Stocks
302	Fatima Zahra EL YADARI and Hiba CHOUGRAD and Youness IDRISSE KHAMLI Explainable Multi-Branch Deep Learning for Alzheimer's Disease Stage Classification with XAI Integration
364	ELMETLINI Abdelhaq, Hicham Medromi. Early In-Game Winner Prediction in AFCON Knockout Matches Using Large Language Models
403	Preston Tran An End-to-End Machine Learning Surrogate Modeling Framework for Aerodynamic Coefficient Prediction
404	Ihsane Wahji, Nawfal Bahha, Smail Benzidia From Visibility to Predictability: How Generative AI is Redefining Supply Chain Intelligence
492	Taoufik Ennoure Faculty Perceptions of Generative AI and Academic Integrity in Online Higher Education: Findings and Implications

ORAL SESSION P-2 (IN PERSON)	DIGITAL TRANSFORMATION, EDUCATION & SOCIETY FRIDAY, 09 OCTOBER 11:30–1:30 PM (E204)
MODERATORS	Ghania Benbelkacem (Vaughn College, NY, USA) Razane Chroqui (Hassan First University, Morocco) Taoufik Ennoure (Penn State University and the Community College of Philadelphia)
54	Jaouad Benguit. The Impact of the Competing Values Framework on Digital Transformation and Innovation Management in Moroccan Higher Education
200	Salma Seffar. Medical Students' Motivation to Learn English Using Language Learning Software (LLS): the Case of Rosetta Stone
241	KHADIJA EL AZHARI, Hilal Imane, Daoudi Najima, Ajhoun Rachida IKRAA: an AI system to address major distance learning challenges
362	Wijdane Merioumi, Ghita Ibrahimi, Yassine Nissar Reconfiguring the Tourism Offer Through Collective Intelligence: The Role and Challenges of Digital Tools
371	Razane Chroqui AI-Mediated Support in EMI Classrooms: Psychological Readiness among Moroccan Business Students

ORAL SESSION P-3 (IN PERSON)	CONTROL, ENERGY, ROBOTICS & AEROSPACE FRIDAY, 09 OCTOBER 11:30–1:30 PM (E205)
MODERATORS	Amir El Zawawi (New York, USA) Douglas Jahnke (New York, USA), Imane Halkhams (UPF, Fez, Morocco)
11	Luigi O. Freire Brayan A. Bonilla Dennis C. Andi Jessica Castillo Implementation of Hardware-in-the-Loop Simulation in a 3D Virtual Environment for the Bottle Filling and Sealing Process
91	Salma El Aïmani Performance Optimization of a Photovoltaic-Powered Reverse Osmosis Desalination System Using Mat-lab/Simulink Modeling
197	Asmae ZAFIT, Aziz DEROUICH , Badreddine EL GOUMI and Ahmed Hanafi Modeling and Control of a Grid-Connected PV–Battery Hybrid System Using a Finite-State Machine-Based Energy Management Strategy
210	Wissal Maliki, Mohamed Bousla, Hilal Essaouini and Badre BOSSOUFI Explainable Deep Neural Networks for Wind Power Forecasting
249	Hanae ABBASSI et Moustafa AZIZI Enhancing UAV Longevity via the Secure ML4Life Framework
278	Siham Alaoui Belghiti, Sanaa Faquir, Ronald Ruggeri, Khalid Zidani, and Ali Yahyaoui A Data-Driven Approach for Optimizing Certification Pathways in Air Traffic Control
484	Anas Harki, Said Ben Alla. A Swarm Intelligence-Based Cooperative Framework for Multi-UAV Human Monitoring in Critical Environments
275	Nabil SAIDANI, Rachid EI BACHTIRI, Abdelaziz FRI, Karima EL HAMMOUMI WTHD-Based Optimal Level Selection and Analytical Switching-Frequency Modelling for Asymmetric CHB Multilevel Inverters

ORAL SESSION P-4 (IN PERSON)	CYBERSECURITY, DIGITAL INFRASTRUCTURE & SMART SYSTEMS FRIDAY, 09 OCTOBER 11:30–1:30 PM (E206)
MODERATORS	Carranza Aparicio (Bronx Community College, NY, USA) Miguel Boustamante (Vaughn College, NY, USA) Saadia Lgarch (Hostos Community College - CUNY, USA)
107	RIHAB BENAICH Trustworthy Digital Twin Intelligence: A Cybersecurity Framework Based on Decentralized AI and Blockchain
112	Imane halkhams, Garba Chipkao Mohammadou Roufai, Saad Motahhir, Hakim El Fadili ADAS systems: functional levels and attack surfaces in embedded electronics
281	OLUWASEYI AJAYI Securing Students Academic Records: Nigerian Universities as a Case Study
319	Harrison Carranza, Aparicio Carranza, and Miguel Bustamante Home Network Enhanced Protection Implementation
339	Mohamed Larbi Sadiki, Yahya Lasfar, and Ishraq Rached A GeoBIM-Based Hybrid Workflow for Estimating the Annual Energy Baseline of a 25-Floor Hospital High-Rise
505	Khrystyna Terletska Workload-Aware Dual-Timescale Resource Scaling for a Large-Scale Kubernetes Cache Platform
383	Mouhcine Ayacine and Jamal Chaaaouan GeoAI Based Spatio-Temporal Analysis and Prediction of Urban Expansion in Fez City Using Satellite Imagery

ORAL SESSION 0-1 (ONLINE)	AI IN HEALTHCARE & BIOMEDICAL APPLICATIONS SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/zvh-pduh-dye
MODERATORS	Vishal Polara (Marwadi University, India), My Abdelouahed Sabri (USMBA, Fez, Morocco)
196	Moch Ally Wildzan Nurul Azmy and Muhammad Thesa Ghozali Natural Language Processing in Diabetes Care: A Mini Systematic Review of Clinical Data Analysis and Electronic Health Records
231	Kaoutar Miftah , Abdessamad Belangour. Multimodal AI for Clinical Decision Support Across Medical Specialties: A Systematic Review
326	Layuru Karunathilaka, Vijayakanthan Ganesalingam, Vaishali Ravi, Ashraf Osman Ibrahim, Saule Amanzholova, Ademi Tursynkozha. A Two-Stage YOLO-TrOCR Framework for Structured Information Extraction from Handwritten Medical Prescriptions
399	Amrani Alaoui Yassine, Mohcine Kodad, El Ouali Rachid, Zaghba Ahd. Artificial Intelligence in Fixed Prosthodontics: A Critical Review of Clinical Applications and Translational Challenges
405	KHERMACH Assya, Iman.elmezguedi; Mohamohammed bensalah; Rachid seddik; Mohcine quodad. Artificial Intelligence-Assisted Analytical Performance of the Reticulocyte Hemoglobin Parameter (RET-He) in the Diagnosis of Iron Deficiency
407	Samira Ameziane, Jaafar Abouchabaka, Asmae Bentaleb. Artificial Intelligence-Based Clinical Decision Support Systems in Healthcare: A Systematic Literature Review
465	Douae EL HILA, Toumi Bouchentouf, Jamal Berrich, Othmane Aghbal, Zakaria Haja, Safia Bentaj, Assia Chigueur. Artificial Intelligence in Pediatric Genetic Disease Diagnosis: Current Approaches, Challenges, and Future Directions
471	Ikram Markaoui, Mohammed El Magroud, Mohcine Kodad, Kawtar Markaoui, Houssam Bkiyar. Machine Learning-Based Predicting of Glycemic Trajectories in Critical Care Using Gated recurrent units: Insights from MIMIC-IV and a Prospective ICU Cohort
524	Sarshayev Yerkhan, Azamat Serek Lightweight Multimodal Framework for Parkinson's Disease Detection Using Transfer Learning and SVM-Based Late Fusion
577	EM.Talhaoui, I.Boujoual, EM.Jouhadi, SM.bouzoubaa,A.Bennani Artificial Intelligence-Assisted 3D Segmentation and Patient-Specific Digital Workflows in Dentistry: A Two-Case Clinical Series

ORAL SESSION 0-2 (ONLINE)	AI IN BUSINESS, FINANCE & ECONOMICS SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/ssh-zurg-jps
MODERATORS	Mohammed Bennani Taj (USMBA, Fez, Morocco), Khalid El Fahssi (USMBA, Fez, Morocco)
164	El Mehdi Douhabi, Issam El Azzaoui, Zineb Drissi. Bridging Mind and Machine: Global Insights from AI and Behavioral finance studies
201	AZDINE Bilal, Tariq Rachid, Mounime El Kabbouri, Marouane Kamal, Anouar Hasbaoui and Abdallah Abarda BERT-Based Sentiment Analysis and Deep Sequential Learning for Equity Movement Forecasting: A Cross-Market Evaluation on S&P 500 and NASDAQ-100 Financial News
205	Ibtissam SOHAB, Mouad MESSRAR, Driss HARRIZI, Razane CHROQUI. The potential role of artificial intelligence in economic development projects in Morocco
234	Tadlaoui Mohamed Yassir , Berrada Rekhami Amine. Artificial Intelligence-Driven Financial Forecasting for Business Decision-Making
261	Abdelilah Omari and Imane Satauri. From User Reviews to Socioeconomic Signals: LLM Based Multilingual Analysis of Moroccan Banking Applications
378	Wiam Zrimi, Fatima Charef. AI-Native Economic Domains: Generative AI and the Transformation of Digital Entrepreneurship
389	Shams Skander, Nafii Ibenrissoul. From Algorithmic Transparency to Informed Decision-Making: An Integrative Review of Explainable Artificial Intelligence and Financial Literacy
448	Minh Pham. The Decision Boundary for Agentic AI in Corporate Finance: A Verifiability and Consequence Framework for Financial Planning and Analysis
463	Fatima Zahrae Souleimani, Amine Maktoub, Mimoun Benali. Artificial Intelligence and FinTech in green finance: a bibliometric review of emerging research trends
476	Salma KHOURCHA, Fatima EL KASSIMI, Jamal ZAH. Machine Learning for Financial Risk Governance in Health Mutual Funds: A Mixed-Methods Study Using Moroccan Healthcare Claims
568	Oumkaltoum Arharbi & Abderrahim El Qadi Context-Aware Vulnerability Scanning: Benchmarking Large Language Models for Dynamic Payload Generation in Web Forms

ORAL SESSION 0-3 (ONLINE)	AI FOR MARKETING, CONSUMER BEHAVIOR & HR SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/wiu-wvzq-sjb
MODERATORS	Mustapha EL ALAOUI (UM5, Rabat, Morocco), Hajar Saikouk (UM5, Rabat, Morocco)
64	Trang Thuy Pham, Thuy Linh Doan. Managing People in the Age of AI: A Review of AI Adoption and HRM in SMEs.
76	Hasna Zini, Nouhayla Majdoubi, Hakima Fasly, and Fatima Bouhali. When the Strategy is Invisible: Mental Model Misalignment Between Marketing Teams and Consumers of Chatbots
113	Manare Saidi, Fayçal Messaoudi, Riad Loukili, Omar El Aalouche, Manal Loukili. Adaptive GRU-Based Session Modeling for E-Commerce Next-Item Recommendation
114	Omar El Aalouche, Fayçal Messaoudi, Manare Saidi. Time-Aware Ensemble Learning for Robust and Reproducible Customer Churn Prediction in Behavioral E-Commerce
167	Le Ngoc Son, Bui Thanh Khoa. Consumer Experience, AI-Chatbot, and Personalization in Social Commerce: The Mediating Role of Flow and Online Trust on Purchase Intention
177	Sara TADLAOUI, Hamida Lahjouji, Aziza Mahil, Mohamed Tabaa The use of RPA and AI in recruitment and onboarding: A bibliometric Study
334	Zineb Keyt, Amina Bennouna. Explainable AI for Consumer Profiling and Targeted Marketing: A Systematic Review
367	kawtar oubdi, Abderrahmane Mousstain, Nouhaila Farajy and Aniss Moumen IA and marketing in Africa: where are we?
385	NAOURI Naima, EL MALIKI Sanae. Artificial intelligence as a lever for employer branding: Promises, limitations and perspectives
413	Niema FARHATI, Mohammed BEN AMAR. Artificial Intelligence in Influencer Marketing: A Bibliometric Analysis of Research Trends, Emerging Themes, and Future Directions
569	Asmae Baala, Mostafa Hanoune, Mohssine Bentaib Agentic Multimodal Violence Detection and Human-Gated Emergency Dispatch for Smart-City Surveillance

ORAL SESSION 0-4 (ONLINE)	AI FOR EDUCATION, SOCIETY & RESPONSIBLE AI SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/tgo-xhpw-rdj
MODERATORS	Luong Vuong Nguyen (FPT University Vietnam), Ikram EL AZAMI (UIT, Kenitra, Morocco)
77	Maha Daraaoui and Hind Benouakrim. Artificial intelligence, social capital and tourist attractiveness: towards an integrated model of smart destinations
86	Hind EL BHILAT, Mohammed BAADDI, El Mehdi EL BHILAT AI-Based Datafication of Human Emotions: A Systematic Review
118	Ayoub El Idrissi, Laila Aligod. The Great AI Ethics Paradox: From Prescriptive Principles to Evidence-Based Practice
182	MOHAMMED RAHIOUI and LAILA ALAMI KASRI. Artificial Intelligence and Corporate Social Responsibility: Building a Conceptual Framework for Ethical AI Governance
240	Rahioui Mohammed and Laila Alami Kasri. The Role of Digital Transformation in Boosting Corporate Social Responsibility (Csr) Practices: A Systematic Literature Review
255	Constantine Andoniou. Micro-Ontologies of Everyday AI: Ambient Intelligence, Immersive Media, and the Subtle Restructuring of Experience
303	Dao Quynh Le, Ho Nguyen Viet Anh, Ha Phuoc Anh Duc The Effects of Algorithmic Personalization and Persuasive Design Features on Perceived Loss of Decision Autonomy of Gen Z on TikTok
340	Nora Tiazziti, Hayat Bihri, Salma Azzouzi, My El Hassan Charaf. Towards Intelligent Management of Public Works Equipment for Emergency Road Interventions
365	anass touyafzate, Rachid El Ganbour. AI-Augmented Sociometry: Addressing Social Isolation and Visibility Challenges in Digital Learning
395	Vasu Koduri, Kiran Babu Sekharamahanthi, Govind Prasad Buddha. Privacy Preserving Training of Financial LLMs Using Secure Federated Learning on Transaction and Regulatory Data
156	Ronald S. Cordova and Romeo L. Villar From Fragmented Data to Institutional Readiness: A Tourism Data-Sharing and Analytics Maturity Model for Oman

ORAL SESSION 0-5 (ONLINE)	NLP, LLMs & KNOWLEDGE SYSTEMS SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/wnn-isot-ied
MODERATORS	Karim El Moutaouakil (USMBA, Taza, Morocco), Hanae Moussaoui (USMBA, Fez, Morocco)
236	Abdelkarim Tahiri, Boubker Sbihi, Rachid Gouarti, Fatima Mourchid, Ali El Ksimi Offensive Content Detection and Moderation Recommendation for Moroccan Arabic Dialect
323	Nouhaila FARAJY, Sangeeta SANGEETA, Hanane MAROUFI, Ahmed REMAIDA, Benyoussef Abdellaoui, Hajar HANINE, Kawtar OUBDI, Fatima Zahra Sahli, and Aniss MOUMEN. Benchmarking Large Language Models for Big Five Personality Prediction from Emotion and Emotion Regulation Cues
344	Karlygash Ussen, Azamat Serek. Career Recommendation System using Machine Learning: Case Study for Youth in Kazakhstan
356	Ez-zohra ABBEID, Bouchra EL IDRISSE An Overview of Ontologies for Archival Linked Data
358	HANI ELMOKHTAR, EL IDRISSE BOUCHRA. Ontological Representation of The Dependencies between Records and Archival Standards: An Approach Leveraging LLMs
415	El Mehdi Nassiri, Mohamed Busrru and Amal El Mzabi GenERP: A Governed Agentic Architecture for SME-Composed ERP
421	BENALI MOHAMMED. Exploring Sentiment Analysis in the Dialectal Arabic Hotel Industry Using Machine Learning and Deep Learning Approaches.
424	Juan Carlos Castillo, Jeanine Elizabeth Azanza González, Jimmy Stalin Paladines, Gabriel Pesantez, José Leonardo Benavides Maldonado, and Jessica N. Castillo. Adaptive Load Forecasting in Distribution Substations under Concept Drift: Performance-Triggered Recalibration with XGBoost
461	Hussien Mostafa Said Elkholy, Amr Mohamed Refaat Gody, and Sayed Taha Muhammed Ibrahim. Beyond Code Generation: A Resource-Constrained Framework for Translation, Summarization, Retrieval, and Agentic Repair
467	ZAME Nadia, MOURCHID Mohammed An AI-Driven Semantic Web Framework for Arabic Legal Knowledge Representation

ORAL SESSION 0-6 (ONLINE)	COMPUTER VISION, MULTIMEDIA & INTELLIGENT PERCEPTION SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/veg-nkzw-exg
MODERATORS	Anand Nayyar (Duy Tan University, Vietnam), Aboubakr El Hammoumi (UAR, Tetouan, Morocco)
87	Anass Ait Sghir, Mohamed Bouziane, Khalid Sair, Mustapha Noussair, Aymane El Kahlaoui and Mohammed Chahbouni. Computer Vision in Robotic Surgery: A Comparative Study of CNNs and Transformers
230	Mohammed El Jattoui, Jamal Rifi, Chaimae Khodriss, Adnane Mohamed Mahraz, Ali Yahyaouy, Meriem Abdellaoui, Idriss Benatiya Andaloussi, and Hamid Tairi Comparative Study of Vision Transformer Variants for Diabetic Retinopathy Grading
238	A. Aqachtoul, R. Gourram, I. Ennajjari, M. Najib, A. Kartit, A. Rochd, and M. Bakhouya. Data-Driven Reconstruction of UAV-Based Images for Olive Tree Detection and Classification
239	Abderrahmane Aqachtoul, Younes Zerrari, Khaoula Karam, Abderrahmane Elamrani, Mehdi Najib, Yousef Farhaoui, Mohamed Bakhouya. Towards Data-Driven Approaches for Road-Scene Detection and Classification
312	Kaoutar Tazi - Hayat Bihri - Salma Azzouzi - My El Hassan Charaf. Multimodal Framework for Understanding Learners' Emotions and Engagement in Online Higher Education
341	Chaimaa khoudda, Zineb Gotti, Salma Azzouzi, Moulay El Hassan Charaf. A Hybrid PCA– PSO Approach for Optimized Feature Selection in Face Recognition Systems
370	Abdessamad Elmotarajjy, Abdelouahed Sabri Accident Detection Using YOLOv10 and Attention-Enhanced CNN-LSTM Networks
418	Jobbid Fatima Zahra, Berbia Hassan. Edge-Ready Classroom Behavior Detection: Systematic Compression of YOLOv8n on SCB-fusion Dataset
570	Salma Chlaikhy, Adil Chakhtouna, Abdellah Adib Not All Dysarthric Voices Convert Equally : Gender and Severity Effects in P2H-VC
571	Soufiane KAISSE, Reda JOURANI. Swin-CA: A Coordinate-Aware Transformer for Robust Object Detection in Automotive Scenarios

ORAL SESSION 0-7 (ONLINE)	AI FOR INDUSTRY, SUPPLY CHAINS & SMART OPERATIONS SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/byr-sijt-eva
MODERATORS	Nabil EL AKKAD (USMBA, Fez, Morocco), Hassan SATORI (USMBA, Fez, Morocco)
166	Houda Zaim, Siham Sahbani Artificial Intelligence and Tax Control: A Bibliometric Exploration
183	Hnida Kaoutar, Chelh Sara. Mapping the Intersection of Artificial Intelligence and Internal Audit Quality: A Bibliometric Analysis
285	Billy E. Farinango L, Jhonatan P. Guanoluisa S., William A. Hidalgo O., Paco J. Vásquez. Comparative analysis of Machine Learning algorithms for predictive maintenance in Three Phase induction motors
290	Rajani Kant, P. Srivastava, L. Srivastava. A Framework to Balance between Innovation and Security: Enterprise AI Implementation
374	Keir A. Balasa; Angel Torres Toukoudidis; Alexandhrea Hiedie Dumagay;Rubén González Vallejo; Ericson O. Alieto; Manuel R. Tanpoco. Generative AI Competence Across Career Stages: A Comparison of Early-, Mid-, and Senior-Career Teachers
419	Belhassane Zakaria, Bouachouch Mustapha Artificial Intelligence-Driven Customs Supply Chains: A Conceptual Framework for Intelligent Border Operations
468	Sanae El Beggar, Zarki Nabil. Artificial Intelligence in Risk Management: A Systematic Literature Review
511	Saurabh Brajesh, Saurabh Goel. Digital Twin-Driven Closed-Loop Supply Chain Planning: Integrating Predictive AI with Prescriptive Optimization for Real-Time Decision Making
536	Mohamed Amine Bencheekroun, Amina Chandad. Integrating Artificial Intelligence, Lean Manufacturing and Six Sigma for Sustainable Production and Logistics Performance
538	Mohamed Amine Bencheekroun, Amina Chandad AI-Driven Industry 5.0: Integrating Procurement, Logistics, Lean Manufacturing, and Human Capital Management to Enhance Operational Excellence

ORAL SESSION 0-8 (ONLINE)	AI FOR SUSTAINABILITY, MOBILITY & SMART ENVIRONMENTS SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/cmo-ovkm-bpw
MODERATORS	Leo Lin (Charles Sturt University, Australia), Muhammad Mooneeb Ali (Saudi Aramco, Saudi Arabia)
110	Oumaima STITINI, Youssef NAIT MALEK. Towards an Intelligent Tree Irrigation Recommendation System Based on IoT and AI for Sustainable Agriculture.
165	Issam El Azzaoui, El Mehdi Douhabi, Zineb Drissi. Strategic Intelligence Meets Artificial Intelligence: A Two-Decade Bibliometric Study on Growth and Innovation Management
284	Anderson A. Maigualca Stalin S. Toapanta C Johnatan I. Corrales B. Intelligent Control Algorithm for Irrigation and Fertilization Decisions Based on Multispectral Data
301	Lamyaa moulad, Mounir Boumhamdi, rachid chaabita, Chaimaa watik, noura Lemkadem Towards a smart urban mobility: A Comprehensive literature review
466	Fadwa AMRAOUI, Fatima-Zahra FAGROUD, Bouchra AIBOUD BENCHEKROUN. Artificial Intelligence for Green Supply Chain Management: Research Trends, Future Directions and Insights from Zara's Sustainable Supply Chain
474	Kedar Mehta, Dilshod Kodirov. Artificial Intelligence for Water–Energy Nexus Optimization: Performance, Trade-offs, and Pathways Toward Equitable Global Deployment
483	Naima Goubraim, Zouhair Elamrani Abou El Assad and Hajar Mousannif. A Hybrid Quantum- Classical Ensemble Framework for Imbalanced Traffic Crash Severity Prediction
494	Rachid MATOUI; Mustapha ZAZ. Finding the Losses Before the Bill Does: Prioritising Meter Inspections from a Single Monthly Reading
535	Cristian Rivera, Secundino Marrero, Deynier Montero, Roberto Salazar and Jose E. Naranjo Advantages of the NARMA-L2 neural controller over the classical PID controller
575	Nguyen Hoang Cat Tien, Tran Phan Lan Anh, Nguyen Anh Phuong, and Le Tran Thanh Tu Digital Innovation In Traffic Enforcement: The Role Of AI Disclosure And Punishment Anxiety In Compliance Intention

ORAL SESSION 0-9 (ONLINE)	DIGITAL TRANSFORMATION IN PUBLIC SECTOR & GOVERNANCE SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/qet-anxg-ppn
MODERATORS	Bouteina El Gharbaoui (UMI, Mekness, Morocco), Sara Griguer (UIZ, Agadir, Morocco)
37	Najlae Zoubaa, Yousra El Khiati, Issam Debbagh. Digital Transformation within the Social and Solidarity Economy: A Lever for Sustainable Territorial Development
75	Salma Benjelloun & Larbi Tamnine. Digital Transformation in the Public Sector: Perceptions and Challenges for Public Managers: A Qualitative Survey
89	Oumaima Bouarfa, Ikrame Hai, Mohammed Abdellaoui. Digitalization and FDI Attractiveness in Morocco: Empirical Evidence from ARDL Estimation
226	EL BARNICH Houda, TLATY Mamdouh. AI in Managerial Decision-Making: Mapping a Structurally Imbalanced Research Field
277	EL-KHALFAOUI ANASS, DKIER YOUSRA, ANDICH IMAD IT governance: Impact on organizational performance
304	Loulidi mafhoum imane, Hashas samya, Haoudi wissal, Bouaddi mohamed, Miloud Daoud Digital Transformation in public administration: mapping change management research through a bibliometric analysis
388	ACHBAR IBRAHIM, REHIOUI MOURAD. Organizational Factors Determining the Success of Business Intelligence Adoption in Moroccan Public Establishments: The Case of EPM
458	LAMRHARY MOHAMED ALAE. The Impact of ESG-Based Governance and Agile Practices on Financial Performance: Evidence from Listed Companies in Morocco
470	HALIMA EL FADLI, Lahoucine Ikkou and Siham Baghdadi and Nadia Jassani. The impact of digital transformation on territorial economic development: evidence from panel data analysis
518	Elattar Abdessamad, Badr Elkhaldi Digital Transformation (AI) and Modern Developments in Moroccan Annulment Case Law: Implications for Access to Justice

ORAL SESSION 0- 10 (ONLINE)	DIGITAL TRANSFORMATION IN BANKING, FINANCE & FINTECH SATURDAY, 10 OCTOBER 2026 9:00-12:00 PM meet.google.com/ono-myee-oeey
MODERATORS	Abdulsatar Abduljabbar Sultan (Catholic University in Erbil, Iraq), Saarra Boutahar (USMS, Beni Mellal, Morocco)
13	Ghita Ibrahimi, Wijdane Merioumi. Digital Transformation: a key enabler of the emergence of a service-dominant logic (SDL) in the Moroccan Banking sector
122	Nguyen Minh Huy Duong, Minh Tung Tran. Generative AI in Digital Banking: Algorithmic Fairness, Social Presence, Privacy Calculus, Trust and Loyalty
155	Imane Tesse, Zakariae Belmkaddem. The Impact of Tax Audit on Tax Evasion in Developing Countries: The Moderating Role of Digitalization
179	Phan Hong Hai, Bui Thanh Khoa. AI-Powered Mobile Banking and Customer Loyalty: The Mediating Role of Satisfaction and Trust
180	Phan Hong Hai, Bui Thanh Khoa. The Role of CSR Perception in Driving Internet Banking Adoption: Materialism as a Dimension-Specific Moderator
225	Meryeme El foghali, Kenza Hassouni, Rachid Ez-zouaq and Mohammed Baaddi. Digital Transformation of Audit and Accounting Firms: A Bibliometric Analysis
338	Fatima Bellaali, Khadija Ichrak Addou. Assessing the Role of Digital Transformation in Asset and Liability Management for Moroccan Insurance Companies
354	Salma El Faroui and Mimoun Benali. The FinTech–Green Finance Nexus: A Systematic Literature Review
411	HELMI DRISS. Central bank digital currencies and artificial intelligence in the conduct of monetary policy: potential effects, financial stability and governance issues
446	Badr Machkour, Houda Mahboub and Ahmed Abriane. Digital Tax Platform Quality and SME Performance in the Era of Artificial Intelligence: A State-of-the-Art Review
425	MALOUKI Nabila & ALLOUCH Faissal. Rethinking Voluntary Disclosure in the Age of Generative Artificial Intelligence: An AI Governance Perspective

ORAL SESSION 0-11 (ONLINE)	DIGITAL BUSINESS MODELS, SMES & ORGANIZATIONAL TRANSFORMATION SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/zpn-bhdv-pdv
MODERATORS	Jabir Arif (USMBA, Fez, Morocco) Chaimae Jalal (USMBA, Fez, Morocco),
9	Dohmi Ghizlane, Dohmi Anoir, Asserraji mohammed. Managerial Digital Capabilities and Big Data Analytics as Drivers of Digital Business Model Innovation: Evidence from Moroccan SMEs
70	Hajar Chnok, Ahmed Chebli Alami, Aya Loudiyi Lamghafri, Yassine Zaoui Seghroucheni, Soumia Ziti. The application of Artificial Intelligence on Agile Project Management: A Narrative Review
84	Mustapha Bindguigne & Mohamed Akhlaffou. IT Project Management Practices in the Moroccan Public Sector: A Systematic Review
202	Fatima Zahrae Hamdani, Hassan Warka and Hayat El Boukhari. From Static Controls to Dynamic Capabilities: A Framework for Organizational Cybersecurity
349	MEHDI AMAKRANE & ASMAE DIANI. Consulting, Management and Innovation in FinTech: A Systematic Qualitative Analysis
409	Omar KDACH, Samira EL FEROUALI, Abdelali EZZIADI, Brahim OUZAKA. The Role of Transformational Leadership in Digital Transformation: An Exploratory Analysis of Change Management Practices in the Moroccan Tax Administration
414	Yassine MOUTIE, Brahim OUABOUCH, Lotfi BENAZZOU, Taoufiq YAHYAOUI. Revisiting Internal Audit Effectiveness in the Moroccan Private Sector: The Role of Digital Maturity as a Moderating Factor
453	HAFID Anass, SEBTAOUI Fatima Ezzahra and MOUCHTACHI Ahmed. Internet of Things Adoption for Quality Management Improvement
457	LAMRHARY MOHAMED ALAE. The impact of AI on Organizational innovation and hierarchical structures in multinationals in Morocco
478	Pamela Elizabeth Llumiquinga Criollo Emely Tatiana Valle Llerena Roberto Carlos Herrera Albarracín Angelita Elizabeth Romero Poveda. Burnout Syndrome and Disruptive Workplace Behavior in a Credit Union: An Organizational Analytics Approach to FinTech Innovation

ORAL SESSION 0-12 (ONLINE)	DIGITAL MARKETING, RETAIL & CONSUMER EXPERIENCE SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/qrc-krns-cxx
MODERATORS	Fouad DAIDAI (UCD, El Jadida, Morocco), Youssef ZIZI (USMBA, Fez, Morocco)
63	Soukaina BOUZERDA/ Mounia CHERKAOUI. Online reputation in Moroccan luxury hospitality: Social media practices and managerial perspectives
98	KAZMANE Kaoutar, NOUR Zineb, BAADDI Mohammed. AI and the Transformation of Advertising Values: Towards a More Human or Algorithmic Communication
151	Ninh Phu Giang, Bui Thanh Khoa User-Related Factors, Flow Experience, and Purchase Intention in Mobile Commerce
162	Ninh Phu Giang, Bui Thanh Khoa. Advertiser-Related Stimuli, Flow Experience, Fear of Missing Out, and Purchase Intention in Social Commerce
258	Maroua EL BOUYAHYAOUI IDRISSEI, Hanaa EL BAYED SAKALLI, Mustapha EL KORAICHI, Marine LE GALL-ELY What do we know about phygital? An ADO based umbrella review
273	Hajar EL KORTBI, Mohammed BEN AMAR. The Multifaceted Impact of User-Generated Content on Customer Engagement: A Systematic Review & Integrative Framework
328	Younes Hanine, Maroua El Bouyahyaoui Idrissi, and Mustapha El Koraichi. Identity, Habit, or Expertise? A Cross-Sector Taxonomy of Phygital Loyalty Configurations in Global Retail
517	Khanh D. D. Ly, Phong Van Tuan Nguyen, Hanh Thi Nguyen, Tin T. Trinh, Minh Van Luong Unraveling the Effects of Celebrity Endorser Attributes on Consumer Purchase Intention: The Mediating Role of Perceived Value
529	Khanh D. D. Ly, Nhi Nguyen Huyen Le, Nhat Minh Dau, Uyen Bao Le, and Huy Duc Huynh What Drives Green Purchase Intention? Evidence from Green eWOM Information Adoption
552	Khanh D. D. Ly, Thuan Minh Nguyen, Tram Ngoc Bao Vu, Que Lieu, and Huy Duc Huynh Understanding Consumer Adoption of AI-Powered Shopping Tools: The Effects of Performance Expectancy, Effort Expectancy, and Social Influence

ORAL SESSION 0-13 (ONLINE)	DIGITAL TRANSFORMATION FOR SUSTAINABILITY, INDUSTRY & SUPPLY CHAINS SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/znq-tpge-qos
MODERATORS	Ahmed El Oubani (UMI, Mekness, Morocco), Sara Chelh (UMI, Mekness, Morocco)
109	Khayati Marouane and Eddelani Oumhani. Sustainable economic growth: econometric modeling
163	Fatima-Ezzahra JADANI; Abdelali EZZIADI. Adoption of smart agricultural technologies and the economic performance and environmental sustainability of farms
260	Meryem Rifki, Aziz El Atiki El Guennouni Green Prompting: A Practical Lever for Sustainable AI Adoption in Organizations
264	Sara Hajjaji And Yassine Regragui. Digital Transformation and Sustainable Performance: Conceptualization, Mechanisms, and Empirical Insights from a Scoping Review
274	Louis Steevenne ASSOUMOU-MVE NGONGA, Rhizlane BENRREZZOUQ, Abdeslam CHRAIBI. A clash of cultures within a corporation without the latest technologies in a business competitive environment: a manufacturer case study from Morocco
287	Luigi O. Freire Luis Navarrete Víctor Rodrigo Espín Guerrero Christian Byron Castro Miniguano Edwin Moreano. The Impact of Electromechanical Engineering on Local and Community Development
352	Tilila Taj, Alkama Meryem. Consensus mechanisms for Blockchain Technology in Sustainable Supply Chain : Managerial Considerations and practical implications
394	Fatima-Zahra FAGROUD, Fadwa AMRAOUI, Yassine MOUTIE, Bouchra AIBOUD BENCHEKROUN, Lotfi BENAZZOU. Smart technology interfaces for ERP-Lean sustainability: From SMEs to large enterprises
501	Minh Van Luong, Vu Thanh Nguyen, Tuan Phuong Tran, and Khanh Doan Duy Ly Environmental Consciousness and Green Purchase Behavior: Examining the Role of Environmental Attitude and the Boundary Effects of Green Product Information
519	Ouail Chahbouni, Saarra Boutahar Innovation, digital transformation, and the dynamics of the local industrial ecosystem: a qualitative analysis of the Agri-Food sector in the Fez- Meknes Region (Morocco)

ORAL SESSION 0-14 (ONLINE)	DIGITAL TRANSFORMATION IN HEALTH, EDUCATION & SOCIETY SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/gqt-refi-xpr
MODERATORS	Ghita Ibrahimi (HECI Business School, Casablanca, Morocco) Wijdane Merioumi (UIZ, Agadir, Morocco)
108	Hafssa Haraifi, Ghada moufdi. Mapping the Scientific Landscape of Artificial Intelligence Adoption in SMEs: Trends, Themes, and Future Directions
146	Hicham Majid, Razane Chroqui, Driss Harrizi. Exploring Digitalization in Moroccan Higher Education Between Global Injunction and Institutional Fracture A Qualitative Reading
229	Mohammed Saad ANIBA; Abdelali Ezziadi; Mehdi Gharrafi. A Bibliometric Review of Literature on the Governance and Performance of Healthcare Facilities
233	Rachid Houmaida, Insaf Khoudri Training Professionals in an Era of Technological Transformation: The Case of Maritime Education at the Higher Institute of Maritime Studies (HIMS)
259	Doha BELGHACHI, Maroua EL BOUYAHYAOUI IDRISSI, Lalla Hind LAGDIM SOUSSI ISSI. Technology is not enough: A systematic review of digital transformation management in healthcare organizations
282	Fatima Ezzahra Yakoubi, Hanan Belkasmi, Aziz Hantem Overcoming Clinician Resistance to IoMT Integration in Remote Patient Monitoring: A Managerial Framework Adapted to the Moroccan Healthcare Context
321	Hanan Belkasmi, Rachid Oumlil, Fatima Ez-zahra Yakoubi, Aziz Hantem. Mapping Research on Telemedicine Adoption: A Bibliometric Analysis
452	Kerly Brighth Moposita Rivera, Lisbeth Estefania Tasinchano Almachi, Erika Maribel Sigcha Ante, Jose E. Naranjo. Impact of Children’s Animation Techniques on the Level of Recognition of Corpus Christi Characters in Children Aged 4 to 6 Years
508	Mayra Pruna Yolanda Defaz Paulina Arias Andrea Luna. Systematic Review on the Validity and Limitations of the Denver II Test as a Tool for Assessing Child Psychomotor Development
509	Karen Daniela Ilaquitsi Flores Paulina Alexandra Arias Arroyo Fanny Mercedes Abata Checa. Digital tools for the screening and intervention of dyscalculia in children: A systematic review
56	Molk OUKILI GARTI, Jabir Arif and Fouad Jawab Exploring the Role of Emerging Industry 5.0 Technologies in Enhancing Supply Chain Sustainability: A Systematic Review

ORAL SESSION 0-15 (ONLINE)	MACHINE LEARNING, PREDICTIVE ANALYTICS & DECISION SYSTEMS SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/cmw-ioep-ddw
MODERATORS	Jamal RIFFI (USMBA, Fez, Morocco), Archana Singh (Graphic Era Hill University, India)
93	Jessica N. Castillo, Luis Brito, Viviana Moya, Byron P. Corrales. Comparative Analysis of Machine Learning Models for Temperature Prediction in a Complex Andean Microclimate.
181	Dounia Omri, Abdallah Abarda Causal Sentiment Attribution in E-commerce Reviews via LLM Counterfactuals
235	ALLALI IBRAHIM and Mohammed BIJOU and Lahboub ZOUIRI. Generalized Random Forests for Causal Inference with PISA Microdata: Grade Repetition Effects in Morocco
237	Fatima EL KASSIMI, Jamal ZAHl. Predicting Healthcare Utilization in the Moroccan Health Insurance System: A Comparative Analysis of Regularized Regression, and Machine Learning Models
245	Arrias Nada, Madi Ahmed, El Baz Ayad, Imane El Moumni, Khadija Idrissi Monetary Policy Credibility, Inflation Expectations, Education Sector Performance, and Predictive AI: Revisiting the Phillips Curve through Panel Data and Time Series Analysis in Morocco
300	Soukaina Jaafari, Mouad Hakimi, Ahmed Bazzi, Ahmed Khallaayoun, Esmail Ahouzi, Rachid Lghoul. Physics-Informed Machine Learning for Reliability and Anomaly Detection in DOA-Based Wireless Power Transfer Systems
347	Taha MARBOUH, Naoufal El ALLALI, Abdelaziz CHETOUANI, Halima OUTADA. Hybrid NLP Approaches for Maghrebi Dialect Detection and Sentiment Classification
441	Drissia Ennagoura and Kamal El Kehal and Nada Faqir and Mohamed El Mahjouby and Safae Merzouk and Khalid El Fahssi and Mohamed El Far and Mohamed Taj Bennani Forecasting Accuracy and Economic Value in Machine Learning-Based Cryptocurrency Hedging for Turkish Lira Exchange Rate Risk
455	Milan Dudhatra. Operational Intelligence for Hyperscale Cloud Infrastructure: Machine Learning for Anomaly Detection, Capacity Forecasting, and Autonomous Operations

ORAL SESSION 0- 16 (ONLINE)	DEEP LEARNING, MULTIMODAL AI & ADVANCED ANALYTICS SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/umq-vnoj-tax
MODERATORS	KANIMOZHI SUGUNA S (Faculty of Science and Humanities, Ramapuram, India), Karima Moumane (ENSIAS, Rabat, Morocco), Mohammed Bekkali (UM5, Rabat, Morocco)
218	Mohammed NGADI, Nadia SAIDI, Abdeluahid AMINE, Saadeddine IGAMANE, Aouatif AMINE, Hanaa HACHIMI. Capturing Complex Patterns in Bank Marketing: Deep Learning and Ensemble Approaches
248	Khalid El Azhar, Brahim El Malki, Khalid El Fazazy, Mohamed Adnane Mahraz, Hamid Tairi, Jamal Riffi. A Novel Deep Learning Architecture for IoT Intrusion Detection using GNNs and Attention Networks
306	Quang Han Nguyen, Van Ban Nguyen, Ngoc An Bui, Tuan Luc Nguyen, Thi Ut Thuong Khuong, Minh Quan Duong. Phase Current Forecasting for Transformer Overload and Unbalance Warning Using Hybrid VMD-CNN-BiLSTM-XGBoost Approach on Real-World Data
315	Fahd Azouz, Soukaina Jaafari, Ahmed Khallaayoun, Esmail Ahouzi, Rachid Lghoul Vision-Based Vehicle Localization for Dynamic Wireless Charging: Precision Limits and Hybrid Alignment Strategies
331	Diego Casa Llano, Rafhael A. Falconi, Jose E. Naranjo, Jessica N. Castillo. Spline-Based Filtering of Ambient PMU Data for Load Model Parameter Estimation
336	Fatine BENKIRANE, Achraf EL IDRISSE, Samir ERRABIH, Mohamed AIT OUDRA, Salouwa REMMAL, Abdellatif TAGHZOUTI. The paradox of artificial intelligence in cybersecurity: A systematic review of automation and risk exposure
345	Azamat Serek and Bekzhanov Namazbek. Development of an Intelligent Fraud Detection System for Credit Card Transactions Using Machine Learning and Deep Learning Methods
416	Emna Ben Hassine, Sameh Zribi, Manef Bourogaoui and Zina Boussada. A Comparative Review of Conventional and AI-Based Approaches for Fault Diagnosis in Electric Vehicle
436	Boutaina Bennani and Drissia Ennagoura and Mohamed El Mahjouby and Habiba hafa and Mohamed Taj Bennani and Farida Mokhtari. Mapping AI Job Demand from Online Postings: An NLP-Based Conference Study
437	Boutaina Bennani and Drissia Ennagoura and Mohamed El Mahjouby and Habiba hafa and Mohamed Taj Bennani and Farida Mokhtari. Remote Work and Salary Patterns in AI/Data Jobs: An NLP and Machine Learning Analysis of Global Job Postings
523	Abhishek Kumar. ResilientEduMesh: Disruption-Aware Service Orchestration for Offline-First Edge-AI Learning Networks

ORAL SESSION 0-17 (ONLINE)	AI-ENHANCED EDUCATION & ACADEMIC PRACTICE SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/ohy-qnnd-myv
MODERATORS	Ait Soussane (ISCAE-Casablanca, Morocco), Asegul Hulus (Association for Computing Machinery, Cyprus)
49	Hicham Boustane, Abdelkader Sabil, Razane Chroqui. Scaffolding Ethical and Effective AI-Assisted Academic Writing: A DBR Study
227	Kaoutar El Moutchou, Touate Samira and Abba Chraibi. Global research trend on hybrid E-learning models in higher education: A Scopus-based bibliometric analysis
288	Diego Vinicio Moreno Saldarriaga Nelson Wilfrido Guagchinga Chicaiza Luigi O. Freire. Perception and use of artificial intelligence in the learning process
138	Wafa Zaibi. From Classroom English to Professional Communication: Supporting IT Students Through Authentic and Technology-Mediated Tasks
311	Rihab Fabnouch, and Saïd Tounsi. PEDAGOG-G: A Four-Layer Governance Framework for Auditable and Risk-Tiered Autonomous AI Agents in Sustainable Education
333	Samya Hashas, Loulidi Mafhoum Imane, Marwan serrar, Daoud Miloud. Generative AI and Entrepreneurial Learning: Trends, Themes, and Future Directions
359	Fahimul Habib, Showrav Chowdhury, K. M. Rahiduzzaman Kiran, S M Saifullah, MD Mohaymen UI Anam, Muhammad Usama Islam. Rethinking Academic Integrity in the Age of Generative AI: A Comparative Analysis of Higher Education Institutional Policies
381	Erika Vega; Maria Constante. Early psychomotor indicators (ages 0-6) as predictors of literacy performance in early childhood education
390	Khadija Himri Celine Joiron and Mohcine Kodad. Frugal-FedED: A Carbon-Aware Federated Learning Framework for Deep Knowledge Tracing in Non-IID Edge Environments
426	Abderrahmane Sakouili; Saida Tayoub; Razane Chroqui. Digital Comfort Over Algorithms: Rethinking Generative AI for Constrained Learning Environments
540	Nabil EZZEMANI, Hasnaa Gaber, Mounir Benrahal. TAI and the Impact of Pedagogical Innovation on Soft Skills Development and Graduate Employability: Evidence from Higher Education

ORAL SESSION 0- 18 (ONLINE)	DIGITAL EDUCATION, LEARNING ANALYTICS & EDUCATIONAL TECHNOLOGIES SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/pif-mdoq-xjh
MODERATORS	Fatima Zahra Ouariach (Abdelmalek Essaadi University of Tetouan, Morocco), Sofia Rachad (UM5, Rabat, Morocco)
100	Samar Tahifa, Zakaria Yazough. The Impact of Digital Training on the Organizational Performance of Islamic Banks In Morocco
152	Ilyass El Idrissi-Raji, Driss Harrizi, Razane Chroqui. Smart Stadiums, Blockchain Ticketing, and Digital Learning: A Policy Framework for Morocco's 2030 FIFA World Cup
266	Hajar Becharri, Lotfi El Aachak and Mariofanna Milanova. A Game-Based Framework for Early Detection of Dyslexia in Arabic Reading Among Children
308	Gina Claudio; Paola Defaz Effective methodological strategies and technological tools for addressing dyslexia
373	Alexandhrea Hiedie Dumagay; Lesly Ann C. Jacinto; Manuel R. Tanpoco; Keir A. Balasa; Ericson O. Alieto; Angel Torres Toukoumidis; Rubén González Vallejo. Generative AI Dependence and Digital Well-Being among In-Service Teachers: An Education 5.0 and SDG Perspective
379	Jeniffer Achote Damaris Gavilanez María Constante. Digital educational resources for psychomotor development in early childhood: systematic review based on Prisma
380	Marjorie Chasiluisa María Constante. Digital Games for Recognizing Reading Difficulties in First-Year Kindergarten Children: A Descriptive Study
530	Othman El Ouadghiri, Hanan El Faylali, and Youssef El Madhi Artificial Intelligence for Sustainable Digital Education: Teaching, Learning, and Assessment Innovations
539	Fatima Ezzahra Mrisse and Nadia Chafiq The Role of Generative Artificial Intelligence in Advancing Digital Teaching and Assessment in Higher Education
574	Thanh Phong Nguyen; Manh Trong Nguyen. Design and Empirical Governance Evaluation of a Low-Code AI Agent for Educational Administration Using Microsoft Copilot Studio
420	HAMI NOUHAYLA, ROCHD YASSIR AI Enhancing personalized learning paths: Reshaping e-learning environments

ORAL SESSION 0-19 (ONLINE)	BLOCKCHAIN, CYBERSECURITY & TRUSTWORTHY DIGITAL SYSTEMS SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/ncj-ktgk-jvf
MODERATORS	Duong Minh Quan (The University of Da Nang, Vietnam), Ismail El Kafazi (UMI, Khenifra, Morocco)
83	Kharbach Azeddine, Guehair noureddine Blockchain Adoption in Public Procurement: A Systematic Review
184	Salma Boulifa, Samia EL Haddouti, Habiba Chaoui. Formal Modeling and Analysis of Leader-Centric Security Threats in BFT Consensus-Based Blockchain
186	Zineb Choukrani, Samia El Haddouthi, Habiba Chaoui. Empirical Evaluation of Federated Learning Aggregation Strategies for Multi-Class Intrusion Detection Under Data Heterogeneity
228	Sashidhar Chinthala SIEM-Driven Threat Detection and Response for Digital Technology Environments
267	Md Tanzid, Khandakar Nakibul Akhter, Kawsar Mohammad Turjo, Md Faisal Alam, Mst. Tasnia Fahmida, Shithi Bhowmick, Md. Mijanur Rahman. Design of a Blockchain-Based Halal Traceability System for the Chicken Supply Chain with Real-Time IoT Integration
269	Md. Mijanur Rahman, Md Tanzid, Md Abdul Oahed, Abdullah Al Mahmud. Blockchain-Based Smart Contract Framework for Rice Supply Chain Traceability and Consumer Safety
322	Chaymae El Youssofi & Khalid Choug dali HeteroDroid: Heterogeneous Graph Design for Static Android Malware Detection
327	RACHID SAKASSA, Oussama aziz, khawla tadist, elbachir tazi. Beyond Smart City Security: A Medical-Aware SOC Framework for Intelligent Hospital Threat Detection
432	Hibatallah Achir, Abdelilah Maach. An AI-Augmented Blockchain Framework for Phishing-Resistant Multi-Factor Authentication in Critical Infrastructure
469	AIT EL ASRI Fatima Ezzahraa, Ibtissam Khalfaoui, Loubna El Ansar, Hicham Medromi A Secure Scenario-Aware Architecture for Pharmaceutical Traceability and Counterfeit Detection

ORAL SESSION 0- 20 (ONLINE)	DATA ANALYTICS, IoT, NETWORKS & CLOUD INFRASTRUCTURE SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/cft-dhgi-pue
MODERATORS	Mohammed El Ghzaoui (USMBA, Fez,Morocco), Rachid El Alami (USMBA,Fez,Morocco)
8	Teerati Banterng. From Search Attention to Ad Pressure: A Search-to-Ad Alignment Audit for Destination Marketing Using Google Trends and Google Ads Transparency Center
121	Abdelhamid EL MALKI, Samira TOUATE Business Intelligence Adoption in Morocco: A UTAUT Empirical Study
232	Mounia AZEWAOU, Khaddouj KARIM & Ghita IBRAHIMI. Integration of Blockchain and the Internet of Things (IoT) into Supply Chain Traceability in Morocco's Aviation Sector
263	FARES HAJAR, BOUALAME Hamza, HILAL Iman A Review of Security in Microservices-IoT Systems
286	Antonio Flores Robin Álvarez Pablo Lupera Luigi Freire Tatiana Zambrano Wladimir Ortiz. A survey of software-defined radio technology and radar applications
317	Aymen Fannouch, Jihan Gharib, and Youssef Gahi. LLM-in-the-Loop DataOps: A Framework for Intelligent Data Pipeline Observability and Automated Remediation
329	Jorge Chicaiza Chiluiza, Kevin Maiquiza Tituaña, Jessica N. Castillo, Rafhael A. Facolní Wavelet-Based Noise Reduction for Ringdown PMU Data in Load Modeling
361	Binara Imankulova, Ali Almisreb, Azhar Sagymbekova, Aliya Zhunis A lightweight provenance-aware architecture for LoRaWAN-based air quality monitoring
393	Aya bellaly, belattar sara, Haimoudi EL KHATIR. A Real-Time Streaming Architecture for Bitcoin Price Prediction Using Kafka and Deep Learning
423	Soukaina EL FEROUALI, Afaf Mosaif, Said Rakrak, Abdelmounaim ABDALI AIoT-SSMW : Smart Switching Between Municipal and Well Water Using AI and IoT
153	Sara Makrouf. Powering the Intelligence Revolution: Balancing AI's Energy Footprint with Dynamic Energy Governance

ORAL SESSION 0-21 (ONLINE)	DIGITAL TECHNOLOGIES FOR ENERGY, POWER SYSTEMS & SMART GRIDS SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/prp-aesj-vwg
MODERATORS	Chakib Alaoui (Euromed, Fez, Morocco), Youness EL MOURABIT (USMBA, Fez, Morocco) Btissam Majout (USMBA, Fez, Morocco)
12	Brayan Tapia Jessica N. Castillo Luigi O. Freire Alejandro Falconí. Transient analysis on the 230kV Trinity transmission line
150	Wiame BENZEKRI, Papa Alioune FALL, Ali EL MOUSSATI. Growth of Artificial Intelligence and the Risk of Electrical Grid Saturation : Prospective Analysis and Energy Resilience Strategies
189	Dinh Quyen Le, Nguyen Thanh Trung Giang, Dang Duc Manh Nguyen, Le Hong Lam, Minh Quan Duong Heterogeneous Metering Biases Technical Loss Attribution in Vietnamese Distribution Networks
283	Antonio Flores Andres Tayupanda Santiago Flores Eliza Sailema Karina Torres Jefferson Fernandez. Decentralized Solar Energy Systems for Rural Electrification and Digital Inclusion in Ecuador
298	Correa Bautista Edison Proaño Maldonado Xavier Carlos Quinatoa Caiza Luigi O. Freire. Analysis of Harmonic Power Flow with High Penetration of Renewable Energy Sources in the Electrical Distribution Grid
307	Mahmoud Ouhdan, Abdessalam Ait Madi Human-Cyber-Physical Systems for Advanced Offshore Wind Farm Regulation
360	Paúl Corrales , Xavier Proaño , William Chamorro , and Jessica N. Castillo Evaluation of Photovoltaic Contribution and Backup Power Sizing for Operational Resilience in a Small Industrial Facility
366	Ricardo D. Cumbicus, Eddy F. Martinez, Jessica N. Castillo, Raffhael A. Falconí Jose E. Naranjo. Optimization of Energy Performance in Renewable Energy Systems
473	Kadar Mehta District Cooling as Urban Climate Infrastructure: Rethinking Cooling for a Warming World

ORAL SESSION 0-22 (ONLINE)	CONTROL, ROBOTICS, EMBEDDED SYSTEMS & MECHATRONICS SATURDAY, 10 OCTOBER 2026 1:00-4:00 PM meet.google.com/aoa-efxh-wjb
MODERATORS	Aziza Benaboud (Ecole Royale Navale, Morocco), Hala Alami Aroussi (UMP, Oujda, Morocco), Manale Bouderbala (USMBA, Fez, Morocco)
104	Kenza Issellay, EL Hir Safaa and Hicham Medromi. Toward Integrated Biomechanical, Physiological and Biological Monitoring in Football: The Role of Biomarker Biosensors and Artificial Intelligence
296	Jose Naranjo, Guillermo Raúl Tumalli Naranjo, Guido George Ovaco Sandoya, Marcos Ricardo Cevallos Jácome An IIoT-Enabled Fuzzy Control Architecture for Industrial Furnace Temperature Regulation
342	Altair Kabdrakhmanov, Azamat Serek Real-Time Data-Driven and Adaptive Traffic Signal Control for Enhancing Road Network Efficiency
348	Errezgouny Abderrachid, Harrandou Abdessamad, Sayyouri Adil, Chater Youness, Cherkaoui Abdeljabbar A Hardware-Oriented Algorithm-to-Architecture Framework for High-Throughput FPGA Acceleration Using Deep Pipelined Data-paths
369	Mohamed KRICHI, Abdullah M. Noman, Mhamed FANNAKH, Tarik RAFFAK, Abderrahmane SMAALI Transient Performance Trade-offs of PI, Fuzzy Logic and ANFIS Speed Controllers for BLDC-Driven Electric Scooters
397	Sameh Zribi, marwen mejerbi, Sana testouri. Cycloidal Dynamic Torque Scaling for Flexible manipulators
398	Marwen Mejerbi, Sana Testouri and Sameh Zribi. Optimization of Joint Trajectory Generation Using a Real-Time Kernel and an 8-bit Microcontroller
412	Abdessamad Harrandou, Abderrachid Errezgouny, Ayoub Elhanchir, Nabil Ben Said Amrani, Mohammed Reda Britel. Detection and analysis of color sorting faults using machine learning in a real mechatronic system
417	Sohail Khan, Mohammad Nauman. Simulate Before You Act: LLM-Driven Autonomous Incident Response for Cyber-Physical Systems
438	Hala ALAMI AROUSSI, Elmostafa ZIANI, Mohammed NGADI, Manale BOUDERBALA, Badre BOSSOUFI Intelligent Fault Recognition and Classification in Electrical Transmission Systems Using Machine Learning Models