

The program schedule for the **AI in Businesses symposium**
AAAI 2025 Summer Symposium Series
May 20–22, 2025 at the Heriot-Watt University Dubai Campus

	9:00-10:30 AM	10:30- 11:00 AM	11:00– 12:30 PM	12:30– 2:00 PM	2:00 – 3:30 PM	3:30– 4:00 PM	4:00– 5:00 PM	5:00 – 6:00 PM		
Activity	Session Room 4.10		Session Room 4.10		Session Room 4.10					
May 20	Chair: Malagón Quazi 3916 Bond- Rand 9625 Kamdem 0487	Coffee Break (Room 5.09)	Chair: Malagón Baradaran1377 Nguetilbaye 7693	Lunch Break		Coffee Break (Room 5.09)		Reception Room 5.09		
May 21	Chair: Gumbo Malagón 9585 Yoo 0018 Sue Moon 7119		Chair: Malagón Dc Msiza 2452 Gumbo 6762 Dadaboyev 7518, 1470		Workshop Building AI Agents Quazi			Plenary Room 5.12		
May 22										

Session 1: May 20, 9 am to 10:30 am, Room 4.10

Chair: **Homero Malagon**

- **Mohammed Quazi**, Jennifer Mewshaw, Heather Carter-Templeton and Amir Sohail ML-Driven, Predictive Analytics for Healthcare Management to Optimize Costs and Outcomes in Diverticulitis Treatment (Submission 3916).
- **Andrew Bond and Cadence Rand**; The Impact of Artificial Intelligence on Labor Markets: A Forecasting Model for Significant Economic Events (Submission 9625).
- **Bruno Kamdem** and Nahid Jafari; Adaptive Pricing and Resource Allocation in Transport Corridors Using Actor Critic Algorithm (Submission 0487).

Session 2: May 20, 11 am to 12:30 pm, Room 4.10

Chair: **Homero Malagon**

- **Vahideh Baradaran Rafiee**, Jelda J Jayne Miranda and Mehdi Akhgari; AI-Driven Service Quality: Key Determinants of Customer Evaluations in NLP-Powered IVR Systems (Submission 1377).
- **Alladoubaye Ngueilbaye**, Joshua Zhexue Huang, Yongda Cai and Xudong Sun; Efficient Multi-Sample Approximate Computing for Scalable Analysis of Massive Distributed Datasets on Resource-Constrained Clusters (7693).

Session 3: May 21, 9 am to 10:30 am, Room 4.10

Chair: **Lilian Gumbo**

- **Homero Malagón** and Aida Huerta; Leveraging Isomorphism for Developing AI Focused Innovation Systems (Submission 9585).
- In Joo, Sng-Hoon Kim, Gi-Nam Kim, Ga-Ae Ryu and **Kwan-Hee Yoo**; High-Precision AI-Based Vision Inspection for Defect Detection in PEMFC MEA Manufacturing (Submission 0018).
- **Sue H. Moon**, J. Betty Feng and Andy Chiou Mind the Gap: How Might AI Reshape the Gender Divide in Negotiations? (Submission 7119)

Session 4: May 21, 11 am to 12:30 pm, Room 4.10

Chair: **Homero Malagon**

- **Lilian Gumbo**, Nicholaas Booyse and Zhou Helper; Artificial Intelligence Implementation Strategies in Business: A Systematic Review (Submission 6762)
- **Dc Msiza** and Lilian Gumbo; Harnessing the Role of Artificial Intelligence to Revolutionise Audit Committee Appointment Process: A Systematic Literature Review (Submission 2452)
- **Sherzodbek Dadaboyev**, Samira Hojimumurodova and Guljakhon Gulomova. AI in HR Analytics: A Synthesis of Current Research and Future Directions
- **Sherzodbek Dadaboyev**, Farangiz Baxtiyorova and Yasmina Akbarova. AI and the Future of Work: How Can We Design Jobs That Benefit Both Organizations and Employees?