

IEEE SMC UAE Chapter Distinguished Lecture of Professor Ming Hou
Interaction-Centred Design for Responsible and Trustworthy Human AI Symbiosis :
The Next Stage of Evolution

Professor Ming Hou, a Fellow of the Canadian Academy of Engineering, Fellow of the Engineering Institute of Canada, Fellow of IEEE, Adjunct Professor of University of Toronto, and the Principal Scientist at Defence Research and Development Canada (DRDC) recently visited the IEEE Systems, Man, and Cybernetics (SMC) Society United Arab Emirates' Chapter. During his visit, Prof. Hou delivered a Distinguished Lecture entitled “*Interaction-Centred Design for Responsible and Trustworthy Human AI Symbiosis.*”

Aiming to foster meaningful academic and research exchange between Prof. Hou and leading universities in the UAE, the IEEE UAE SMC Local Chapter successfully organized and hosted the visit of Prof. Hou 25-27 January 2026. The program included a combination of technical lectures, research meetings, lab visits, and institutional discussions across several UAE universities, including Zayed University – Abu Dhabi, College of Technological Innovation (CTI), United Arab Emirates University (UAEU), and the University of Dubai (UoD). It attracted enthusiastic engagements and brought together faculty members, researchers, academic leaders, and students to discuss emerging challenges and opportunities in the design of trustworthy, interaction-centred, and responsible AI systems. Prof. Hou’s provoking speeches including his internationally renowned interaction-centred design approach and R4 Trustworthy AI model inspired broad discussions about the contemporary challenges of AI and how to integrate these emerging technologies safely and responsibly into the society and what research and development need to be done.

The visit strengthens collaboration between IEEE UAE SMC, Canadian research institutions, and UAE universities in areas related to human-AI interaction, intelligent systems, trust in AI-enabled autonomous systems, decision support systems, cognitive engineering, and responsible AI deployment. It also provided an excellent opportunity for faculty and students to engage with Prof. Hou’s and IEEE SMC Society’s broad expertise areas and explore future joint initiatives in research, graduate supervision, seminars, and international collaborations.

