Keynote Speaker: Prof Ts Dr Madihah Mohd Saudi

Madihah Mohd Saudi is a Professor at Information Security and Asssurance (ISA) Programme, Faculty of Science and Technology (FST), Universiti Sains Islam Malaysia (USIM), Malaysia. She is an honorary Research Fellow at the Cyber Security Group(CSG),University of Bristol,United Kingdom and a Visiting Professor at Universitas Magelang Muhammadiyah (UNIMMA), Indonesia, Widyatama University, Bandung Indonesia and Samarkand Tashkent University of Technology (SAMTUIT), Uzbekistan and Visiting Academic Fellow at Faculty of Advanced Technology and Multidisciplinary, Universitas Airlangga (UNAIR), Indonesia. Formerly as Chief Information Officer (CIO) at USIM, currently she is also a member of the National Council of Professors (MPN), Malaysia, a Technologist Specialist (Ts) from Malaysia Board Of Technologists(MBOT), Malaysia, a senior member of the IEEE Computer Society and IEEE Sensors Council, and Technical Committee for IEEE Pattern Analysis and Machine Intelligence andIEEE Security and Privacy and as Deputy Secretary for Cyber Akademia Malaysia (CSAM),Malaysia. She graduated her PhD from University of Bradford, United Kingdom, Master of Software Engineering from University of Malaya (UM), Malaysia and Bachelor of Computer Science from National University of Malaysia (UKM), Malaysia. She has more than 20 years of research experience in the fields of cyber security and machine learning. She has produced numerous books, ICT/security strategic plans, journal papers, and industry and keynote speakers. Her research interests are malware, mobile security and machine learning.

Securing Digital Society: Advances and Challenges

Abstract—The magnitude, complexity, and diversity of cyber-attacks against the digital societies have increased and evolved over the past several years. Many organizations and countries are having difficulties to make a balance between security needs and adoption with latest technologies which includes of green technologies. Hence, the speaker presents the advances and challenges towards secured digital societies. A related case study in securing and adopting green technology with digital society will be presented during this session.

Keyword: digital society, cyber-attacks, technologies adoption, green technology.