Title: AI2HealthCare: Can machine learning based expert system enhance efficiency in healthcare services?

AI (artificial intelligence) is one of the most important technology in the game changing world of every domain to enhance efficiency and productivity with reduced costs. It offers new potential as well as challenges in our everyday activities. Particularly, the speed of adaptive-intelligence based automation using mobile enabled expert systems, robot, chat-bot, avatar, e-Assistants, e-Buddy for healthcare services. This, with new AR, VR, game technology and emotional intelligence poses a new question – can AI do better healthcare service than human? In his talk, Professor Hossain will discuss his research, linked with this AI enabled expert systems for health care using personalised devices.



Biography

Professor Alamgir Hossain received his PhD from the Department of Automatic Control and Systems Engineering, University of Sheffield. He is currently serving as a Professor of Artificial Intelligence and Head of Digital Research and Innovation (National Horizon Centre) at Teesside University. Prior to this he also served in the Anglia Ruskin University at Cambridge (Director of IT Research Institute), University of Northumbria at Newcastle (Head of Computational Intelligence Group), University of Bradford, University of Sheffield, Sheffield Hallam University and the University of Dhaka (Head of the Department of Computer Science and Engineering). He has extensive research experience in applied AI, decision support system, digital diagnosis, adaptive control and mobile enabled expert system. He has led many large EU & UKRI funded projects as an International Lead Investigator, worth over £16m. He organised conferences, workshops and seminars in over 15 countries. He has published over 300 research articles including 60 research articles as a co-author with the academics of 12 countries.