Chapter/Affinity Group: SMC28 Ireland Chapter (CH08650)
Reported by: Prof Jane Zheng, Ulster University

IEEE
United Kingdom and Ireland Section

Key Achievements and member services in 2023

Chapter Related Events: Workshop & Seminars (since the last AGM meeting):
1) Grand Challenges in Global Mental Health: What Contribution can Computer Science Make? by Dr David Coyle, School of Computer Science, University College Dublin, Ireland, April 19, 2023; 2) Scalable Deep Learning from Big Data by Prof. Liangxiu Han, Department of Computing and Mathematics, Manchester Metropolitan University, Manchester, UK, April 26, 2023; 3) AI and Digital twins for Capacity Management of Intensive Care Units During the Covid-19 Pandemic: A Case Study by Prof Miguel Angel OrtÃz Barrios, Productivity and Innovation Department, Universidad de la Costa CUC, Colombia, May 03, 2023; 4) Some Statistical Considerations When Modelling Large Mined Data Sets by Professor Malcolm Faddy, Queensland University of Technology, Brisbane, Australia, May 31, 2023; 5) Security Analysis of Industrial Systems and Cyber Physical Systems by Dr Nazeeruddin Mohammad, Associate Professor and Director of Cybersecurity Center, College of Computer Engineering & Sciences, Prince Mohammad Bin Fahd University, Saudi Arabia, August 31, 2023, Belfast; 6) Deep Learning Applications and Challenges in the Healthcare and Cybersecurity Domains by Dr Abul Bashar, Assistant Professor, College of Computer Engineering & Sciences, Prince Mohammad Bin Fahd University, Saudi Arabia, August 31, 2023; 7) The Changing Future of Software, the Impact of AI on Industrial Software Development by Mr Joost Noppen, Chief Researcher Software, BT Digital, Martlesham, Ipswich, Suffolk, UK, October 18, 2023; 8) Studying Social Situations using Wearables and Theatre by Dr Jamie A Ward, Senior Lecturer in Computer Science at Department of Computing, Goldsmiths University of London, UK, October 25, 2023.

Plan of activities for 2023-24

I. Chapter annual workshop in 2024

II. Key technical focus research workshop to form an effective consortium and technical community

III. Encourage and attract more members, especially student members, by combining the strengths from Ulster and QUB.

IV. Close engagement and interaction with Ireland and the mainland SMC chapters in different ways to be further discussed and agreed.

V. Work towards the overall aim and objectives of the IEEE UK and Ireland Section.

Focus areas (2023-2024)

2023 Goals	2023 KPIs met?	2024 Goals	Challenges to reach KPIs/ Resources
Exchange, networking, promotion, recruitment, and dissemination	- Chapter annual workshop held in 2022. - Other workshops and seminars	Exchange, networking, promotion, recruitment, and dissemination	Funding support from IEEE for the invited distinguished lecturer for annual workshop
Engagement and link with other chapters	Close interaction with the mainland SMC chapters in different ways.	Engagement and link with other chapters	Add and strength the real benefits; Long term aim and objectives match in the line with the academic and industry long term target