**Chapter/Affinity Group:** SMC28 Ireland Chapter (CH08650)  
**Reported by:** Dr Jun Liu, Ulster University

---

## Key Achievements and member value/services

- **Chapter Related Events –Seminars (since the last AGM meeting):**
  1. Dynamics of Lockdown Simulations and COVID-19 in NI by Dr Gavin Abernethy, Senior Lecturer, Department of Engineering and Mathematics, Sheffield Hallam University, UK, April 11, 2022.
  3. Artificial Emotional Intelligence by Dr Javier Gonzalez-Sanchez, Arizona State University, USA, March 23, 2022.
  5. From Personal Big Data to Personalized Intelligence by Prof. Jianhua Ma, Head of Ubiquitous Computing Lab, Department of Digital Media, Hosei University, Tokyo, Japan, February 23, 2022.
  6. Neuro-Symbolic AI: Explainability and Deep Deductive Reasoning by Prof. Dr. Pascal Hitzler, Director, Center for AI and Data Science (CAIDS), Kansas State University, USA, February 09, 2022.
  9. Explaining Deep Neural Networks using Statistical Fault Localization BY Dr Youcheng Sun, Queen’s University of Belfast (QUB), UK, November 11, 2021.
  10. Artificial Intelligence for Biomarker Discovery by Prof. Dr. Fangxiang Wu, University of Saskatchewan, Canada, November 17, 2021.

---

## Current plan of activities

I. Chapter annual workshop on **“Trustworthy AI for the Future of Risk Management”** to be held on 14th June 2022

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

III. Encourage and attractive more members, especially student members, by combining the strength 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 (2022)

<table>
<thead>
<tr>
<th>Goals</th>
<th>KPIs</th>
<th>Challenges to reach KPIs/ Resources</th>
</tr>
</thead>
</table>
| Exchange, networking, promotion, recruitment, and dissemination | • Chapter annual workshop to be held on 14th June 2022.  
• Other workshops and seminars | Funding support from IEEE for the invited distinguished lecturer for annual workshop |
| Engagement and link with other chapters | Close engagement and interaction with Ireland and the mainland SMC chapters in different ways to be further discussed and agreed. | Geolocation, management, member involvement, remote webinars etc. |

---

**Activity & Progress Reporting- Section Spring Meeting – 29th April 2022**