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 last AGM meeting):**
  - Formation Control for Multi-agent Systems: Modelling and Analysis by IEEE Distinguished Lecturer: Prof Peng Shi, Uni. of Adelaide, Australia
- **Several Virtual Doctoral Research Seminars:**
  1. A new metric for assessing the performance of 2D Lidar SLAMs by Bingxin Zi, 30/10/2020
  3. Cooperation Strategies in a Time-Steped Simulation of Foraging Robots by Liam McGuigan, 02/10/2020

Current plan of activities

I. Key technical focus research workshop to form effective consortium and technical community
II. Encourage and attractive more members, especially student members, by combining the strength from Ulster and QUB.
III. Close engagement and interaction with Ireland and the mainland SMC chapters in different ways to be further discussed and agreed.
IV. Work towards the overall aim and objectives of the IEEE UK and Ireland Section.

Focus areas (2020-2021)

<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 on AI and Applications to be organized in 2021.  
• Other workshops and seminars | Funding support from IEEE for the invited IEEE distinguished lecturers |
| 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. |