

Activity & Progress Reporting

Section Autumn Meeting - 27th October 2022

<p>1. Chapter/Affinity Group:</p>	<p>IEEE UK and Ireland Section Chapter, SMC28 Ireland (CH08650)</p>
<p>2. Committee Members</p>	<p>Chair: Dr Jun Liu (Reader in Computer Science, School of Computing, Ulster University)</p> <p>Other committee members: Hui Wang, Sally McClean, Maurice Mulvenna, Haiying Wang, Huiyu Zhou, Girijesh Prasad, Nazmul Siddique, Fiona Browne, Leo Galway</p>
<p>3. Reporting Officer:</p>	<p>Dr Jun Liu</p>
<p>4. Overview of current plan and activities:</p>	<ol style="list-style-type: none"> i. Key technical focus research workshop to form effective consortium and technical community ii. Encourage and attract more members. 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.
<p>5. Key Achievements and member value/services to date:</p>	<p>Chapter Related Events – Workshops/Seminars (Since last AGM meeting in April 2022):</p> <p>Workshop:</p> <p>The Chapter Annual Workshop on “Trustworthy AI for the Future of Risk Management” on 14th June 2022 at Belfast together with Artificial Intelligence Research Centre, School of Computing, Ulster University (initial plan was online, finally hold it in a hybrid mode).</p> <p>Several Virtual Doctoral Research Seminars:</p> <ol style="list-style-type: none"> 1. Four forthcoming Research Seminars have been scheduled on October 26, November 2, November 23, December 14, 2022, respectively. 2. Representing Symbolic Knowledge with Vector Space Embeddings BY Prof Steven Schockaert, School of Computer Science and Informatics, Cardiff University, Cardiff, UK, Wednesday, October 5, 2022. 3. EV2V Secure Communication Protocol Based on Digital VIN Number BY Dr Adriana Suarez Corona, Mathematics Department of the Universidad de Leon, Spain, Wednesday, September 28, 2022.
<p>6. Key Challenges:</p>	<ul style="list-style-type: none"> • Add and strengthen the real benefits • Long term aim and objectives match in the line with the academic and industry long term target

<p>7. Deficits/Required Resources:</p>	<p>Obtained support (£2100) for jointly hosting the Chapter annual workshop on “Trustworthy AI for the Future of Risk Management” on 14th June 2022 at Belfast together with Artificial Intelligence Research Centre, School of Computing, Ulster University (initial plan was online, finally hold it in a hybrid mode).</p>
<p>8. Actions/Support requested from the Section:</p>	<p>N/A.</p>
<p>9. Action Plan:</p>	<ul style="list-style-type: none"> • Hold the Chapter Annual Workshop in 2023 at Belfast. • Exchange and interact with the IEEE distinguished lecturers • Research networking opportunity in the planned specific topic • Share and disseminate best practices research • Promote IEEE, IEEE SMC, IEEE SMC Ireland Chapter and the Chapter business discussion meeting • Promote the new IEEE/IEEE SMC membership recruitment • Close engagement and interaction with Ireland and the mainland SMC chapters in different ways to be further discussed and agreed.