
Chair's Report – April 2020

NAME OF CHAPTER

Computer Chapter C16

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We have been sponsoring the following events:

1. RAS (Robotics and Automation Society) Conference 2020, University of Manchester, 22nd Jan 2020.
2. CyberSA 2020, Social Media 2020, Cyber Security 2020 & Cyber Incident 2020, 15-17 June 2020, Dublin, Ireland (<https://www.c-mric.com/sm2020>), Technically-Co-Sponsored.
3. Social Media 2020, 15-17 June 2020, Dublin, Ireland (<https://www.c-mric.com/sm2020>), Technically-Co-Sponsored.
4. Cyber Security 2020, 15-17 June 2020, Dublin, Ireland (<https://www.c-mric.com/sm2020>), Technically-Co-Sponsored.
5. Cyber Incident 2020, 15-17 June 2020, Dublin, Ireland (<https://www.c-mric.com/sm2020>), Technically-Co-Sponsored.
6. The 2020 International Conference on Future Generation Computing & Technology Innovations, Liverpool, UK, 1-3 July 2020 (<http://fgcom.org.uk/>)
7. IEEE International Conference on Multimedia and Expo, 6-10 July 2020, London, United Kingdom (<https://www.2020.ieeeicme.org/index.php/organising-committee/>)
8. Computer Science and Electronic Engineering Conference, University of Essex, organized by students, to be held in 2020, Technically-Co-Sponsored (subject to approval).
9. 13th International Conference on Next Generation Mobile Apps, Services and Technologies, Wales, to be held in September, 2020, Technically-Co-Sponsored (subject to approval).
10. World Congress on Sustainable IT, London, November 2019, Technically-Co-Sponsored (subject to approval).
11. International Conference on Information Society (i-Society 2020), London, UK, December 2020, Technically-Co-Sponsored (subject to approval).

Public Lectures, Seminars & Keynote Speeches

Public lectures, Seminars & Keynote Speeches have been arranged within the UK and beyond between October 2019 and April 2020. These lectures & speeches brought together researchers and professionals to focus on the emerging field of computer science. The Computer Chapter organised these lectures and speeches in cooperation with other Societies such as ACM British Chapter and BCS [Berkshire Branch, London (South) Branch and Canterbury Branch] and funding bodies such as UK EPSRC and EC Marie Curie Programme. These lectures and speeches increased the public awareness of IEEE, Computer Chapter, and popularized the knowledge of computer science in general, especially some latest advances in Computer Science.

1. IEEE Computer Society 1st Global Chapter Summit: Engaging with Industry, 7 December 2019, Bologna, Italy (<https://www.computer.org/publications/tech-news/events/1st-Computer-Society-Global-Chapter-Summit>)
2. Invited talk, RAS (Robotics and Automation Society) Conference 2020, University of Manchester, 22nd Jan 2020
3. Keynote speech, 2020 Communication Technologies and Cloud Computing Conference (CTCCC 2020), Cambridge, UK, March 19-21, 2020 (<http://www.ctccc.org/>)
4. Keynote speech, UKSim-AMSS 22nd International Conference on Modelling & Simulation, Cambridge University, UK, 25 - 27 March 2020 (<https://uksim.info/uksim2020/uksim2020.htm>)

Encouraging activities in Ireland, Scotland and Wales

Prof. Khalid Al-Begain, the Wales representative, will continue to run the International Conference on Next Generation Mobile Applications, Services and Technologies in Wales in 2020 after having run this series successfully for 13 years. Dr. Conor McGrath, a volunteering senior member from the Republic of Ireland, has spent 23 years at IBM in a number of technical roles through Operations, Support, Performance/Reliability and some development. Currently he's a Data Engineer with a focus on Data Quality in a new Life Sciences team. His participation would facilitate the Chapter's activities and strengthen the Chapter's public awareness in Ireland. The benefits are more IEEE as well as the Computer Chapter visibility outside England, as more members in other regions have expressed interests in taking active part with the Section and Society activities.

Collaborating with other societies

An opportunity is being explored for collaboration between IEEE and BCS. We have planned a workshop of future computing with MGA in Birmingham. This was intended to be a technology event with diverse participation from industry to show case major technologies from Computing and IoT to Robotics, Mobile Comms etc. We invited BCS Berkshire Branch to jointly organise this workshop and a good relationship was built.

Students' Participation and Student Membership Recruitment

The Chapter co-sponsors students' activities, which provided opportunities to improve students' participation and student membership recruitment in Computer Science. Traditionally, we have sponsored quite a few IEEE Student Congresses by sending keynote speakers, including the 2008, 2013 and 2015 ones.

Athena SWAN (Scientific Women Academic Network) commitments

The chapter executive committee members (including 3 women) in England/Scotland/Ireland/Wales are trying to attract more female members and help the existing female members to develop their careers within the context that women are chronically under-represented in STEM fields (around 11% for electrical engineering and 18% in computer science).