
Chair's Report – November 2020

NAME OF CHAPTER

Computer Chapter C16

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We have been sponsoring the following events:

1. 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.
2. Social Media 2020, 15-17 June 2020, Dublin, Ireland (<https://www.c-mric.com/sm2020>), Technically-Co-Sponsored.
3. Cyber Security 2020, 15-17 June 2020, Dublin, Ireland (<https://www.c-mric.com/sm2020>), Technically-Co-Sponsored.
4. Cyber Incident 2020, 15-17 June 2020, Dublin, Ireland (<https://www.c-mric.com/sm2020>), Technically-Co-Sponsored.
5. IEEE International Conference on Multimedia and Expo, 6-10 July 2020, London, United Kingdom (<https://www.2020.ieeeicme.org/index.php/organising-committee/>)
6. Computer Science and Electronic Engineering Conference, University of Essex, organized by students, to be held in 2020, Technically-Co-Sponsored (subject to approval).
7. 13th International Conference on Next Generation Mobile Apps, Services and Technologies, Wales, September, 2020, Technically-Co-Sponsored (subject to approval).
8. World Congress on Sustainable IT, London, November 2019, Technically-Co-Sponsored (subject to approval).
9. 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 April 2020 and November 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. Keynote speech, Frank Wang, Neuromorphic Computing, UKIERI-DST Virtual workshop on Adversarial Cyber Security. Online. 23.09.2020 - 24.09.2020. (acslab.org/ukieri)
2. Seminar, Frank Wang, Memristor, Canterbury, 12 October 2020.

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 & local organisers

An opportunity is being explored for collaboration between IEEE and BCS. We have planned a conference on Future Generation Computing & Technology in Liverpool with local universities. This was intended to be a technology event with diverse participation from both academia and industry to show case major technologies from Computing to AI, 5G & Robotics, etc.

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. Traditional, 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).
