

### Key Achievements & member services in 2021

- Young Professionals Development Programme (IEEE Sensors Council) activity promoted by Sinead O’ Keefe:
- 26 July, Dr. Martina Prendergast. University of Limerick, ‘Proposal Writing Skills’
- 27 July, Prof. Zeynep Celik, University of Texas at Arlington, ‘Journal Article Writing Skills’
- 28 July Bruce Hecht, VG2PLAY, ‘Innovation and Entrepreneurship for Researchers’
- 29 July, Prof. Sandro Carrara, Swiss Federal Institute of Technology, EPFL, ‘Effective Peer Review of Articles’
- WISE workshop 2021(with New South Wales Chapter) Women in Sensors Workshop on August 25 from 14:30-16:30 UTC+10. (IEEE Sensors Council)
- IEEE INTERNATIONAL CONFERENCE ON SENSORS AND NANOTECHNOLOGY 2021 (SENNANO 2021), Malaysia Section Chapter, IEEE NANO and IEEE Sensors Council: S. Hadjiloucas delivered an invited presentation on the 22nd of September ‘Overview of novel measurement and identification methodologies for advancing nanotechnology’

### Plan of activities for 2022

- In collaboration with Control Systems Group: Presentation of port-Hamiltonian formulations for classical thermodynamics by Arjan van Der Schaft (Zoom meeting)
- CAS04/IM09 (Prof Izzet Kale) co-sponsored collaborative virtual meetings: Fractional order circuits and controllers for sensors and measurement systems', 'Bond graph theory for hybrid circuits and sensing systems', 'Memristive circuits and systems and their applications to Measurement and Sensing', 'Order reduction methods in circuit theory and measurement systems', 'port-Hamiltonian formulations of non-linear electrical circuits and non-linear feedback sensing systems'. (Zoom meetings)
- Plans for an optical fibres sensors virtual meeting with contributors from the recently published IEEE Press (Wiley) book ‘Optical Fibre Sensors Fundamentals for Development of Optimized Devices’ (Eds. I. Del Villar and I. R. Matias), involvement of IEEE Sensors Council –Young professionals with Wern Kam, Optical Fibre Sensors Research Centre, University of Limerick (Zoom meeting)
- Presentations from DL Programme (Zoom meetings)

### Focus areas (2021-2022)

2021 Goals	2021 KPIs met?	2022 Goals	Challenges to reach KPIs/ Resources
	Not as planned	More activities, and elections	Covid-19