

Chapter/Affinity Group: SEN39
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Key Achievements & member services in 2023

- Co-sponsoring of the meeting that was organised by Nathan Lepora (4th Robot Manipulation Workshop, January 12-13, University of Bristol and & Bristol Robotics Lab), 175 tickets sold but participation was more than 200 (Sensors Council Educational activity Committee and support from Sensors Council)

Plan of activities for 2023-24

- DL Program: Lecturers should give presentations through zoom meetings (Ravinder Dahiya, Ashwin Seshia, Eui-Hyeok Yang, Pantelis Georgiou, Haixia (Alice) Zhang, Maryam Baghini, Arokia Nathan, Giancarlo Fortino, Enaksi Bhattacharya, Thomas Thundat, Tina Ng, Vladimir Lumelsky)
- Joint meetings with Control Systems and SMC chapters on feedback instrumentation and port-Hamiltonian formulations, with focus on robust analysis and fractional order control
- Joint meetings with CAS04/IM09 on fractional order circuits and systems, memristive circuits and their application in measurement and sensing (e.g. nonlinear applications)
- An optical fibre sensors virtual meeting discussing advances after the ones reported in the IEEE Press book 'Optical Fibre Sensors Fundamentals for Development of Optimized Devices'
- Explore possibilities with Paul Cunningham to support Region 8 climate change activities through presentations from the Sensors community, also co-sponsor meetings to support these activities

Focus areas (2023-2024)

2023 Goals	2023 KPIs met?	2024 Goals	Challenges to reach KPIs/ Resources
Organize zoom meetings	no	Virtual meetings with DLs	An active new committee is needed
Support IEEE Sensors Council activities	yes	Co-sponsorship of activities	Timetabling of forthcoming events needs to be in place. Securing resources and planning in good time, in the past Sensors Council has been very supportive, but in future, the requests should be made in good time for approval
Support Sensors conference activities and regional meetings	no	Support Region 8 climate change activities	Identification of potential speakers from Sensors community, support/co-sponsor activities