

Activity & Progress Reporting

Section AGM 24th April 2020

<p>1. Chapter/Affinity Group:</p>	<p>UK and Ireland IEEE Sensors Chapter, CH08804 - United Kingdom and Ireland Section Chapter, SEN39</p>
<p>2. Committee Members</p>	<p>Sillas Hadjiloucas (Chair)</p>
<p>3. Reporting Officer:</p>	<p>Sillas Hadjiloucas</p>
<p>4. Overview of current plan and activities:</p>	<p>i. Restructure committee (still pending) ii. Organise meetings</p> <p>DL Program: Invitation to Ravinder Dahiya School of Engineering, University of Glasgow, Scotland to give a lecture on Large Area Electronic Skin or Tactile Skin in Robotics and Medical Applications, at a venue preferably in Manchester (bridging the distance between the North and the South).</p> <p>DL Program: Invitation to Ashwin A. Seshia Professor of Microsystems Technology, University of Cambridge, Cambridge, England to give a lecture on Vibrating Beam MEMS Accelerometers for Gravity and Seismic Measurements or Nonlinear Dynamics in Microelectromechanical Systems. Lecture to take place in Reading or London or Manchester.</p> <p>Collaborations with other chapters to organise meetings:</p> <p>Discussions with Prof Izzet Kale, College Institute & Research Director, Director, Applied DSP & VLSI Research Group, College of Design, Creative & Digital Industries, University of Westminster, London for a CAS04/IM09 co-sponsored collaborative meeting.</p> <p>Possible titles of topics discussed: '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'.</p> <p>Meeting could be held at Westminster or Reading (decision not yet finalised) or alternatively, as focused sessions (May 20 submission deadline)/ tutorials (May 6 submission deadline) for IEEE Sensors 2020 WTC Rotterdam The Netherlands October 25-28 2020 (subject to conference Chair approval).</p>

	<p>A meeting to discuss the above action plan took place on Sunday 16 February 2020, 1:00 PM -2:30 PM at Westminster University, 115 New Cavendish Street, London W1W 6UW</p> <p>Host: CH08379 UK and Ireland Section Chapter IM09</p> <p>Category: Technical</p> <p>(Add event to calendar)</p> <p>Discussion with Prof. Richard Mitchell (SMC Chair) for a joint future meeting following the 'Singularity Re-Visited' presentation by SMC DL Okyay Kaynak that will be held on Thurs 5th March 2020, 7:00pm for 7:30pm, Van Emden Theatre, Edith Morley, University of Reading UK. A future event with a focus on AI in sensing could be held in Reading (or Manchester to attract more people from the AI community across the UK).</p>
<p>5. Key Achievements and member value/services to date:</p>	<ul style="list-style-type: none"> • N/A....
<p>6. Key Challenges:</p>	<ul style="list-style-type: none"> • I was abroad for most of the time, just recently back at the office in UK.
<p>7. Deficits/Required Resources:</p>	<ul style="list-style-type: none"> • To be discussed with Mona/Eduardo
<p>8. Actions/Support requested from the Section:</p>	<ul style="list-style-type: none"> • Assistance with publicising some of these events across different chapters
<p>9. Action Plan:</p>	<p>Dates still need to be finalised for these actions</p>