

Activity & Progress Reporting

Section Autumn Meeting - 27th October 2022

1. Chapter/Affinity Group:	Solid-State Circuits SSC37
2. Committee Members	Peter Kennedy, UCD (Chair) Donnacha O’Riordan, Analog Devices (Vice-Chair) Ivan O’Connell, MCCI (Distinguished Lecturer Chair) Aidan O’Toole, Tyndall (Treasurer)
3. Reporting Officer:	Peter Kennedy
4. Overview of current plan and activities:	<ul style="list-style-type: none"> i. Lecture “Wandering Spurs in Fractional-N Frequency Synthesizers”, Dr. Dawei Mai [online] (24 Mar. 2022) ii. Lecture “Multirate Timestamp Modeling for Ultralow-Jitter Frequency Synthesis: A Tutorial”, Dr. Yizhe Hu [online] (18 Aug. 2022) iii. AACD Workshop [IO’C] (4-6 Oct. 2022) iv. Lecture “Wireless Discrete-Time Receivers: A Tutorial”, Dr. Amir Bozorg [in-person and online] (17 Nov. 2022) v. 1 additional Academic Speaker [MPK] (TBD) vi. 2 x Industry Speakers [DO’R] (TBD) vii. 2 x Distinguished Lecturers [IO’C] (TBD) viii. Officers’ Planning Meeting (January 2023)
5. Key Achievements and member value/services to date:	<ul style="list-style-type: none"> • Online meetings have brought in attendees from overseas and has raised the quality of discussions • Collaboration with MCCI has provided a source of high-quality presentations
6. Key Challenges:	<ul style="list-style-type: none"> • Lack of administrative support for Committee • Volunteers are busy • We lost our DL Chair • Difficult to attract new volunteers • Section bank account in GBP makes funds transfer and reporting difficult • Securing in-person speakers and venues is still difficult
7. Deficits/Required Resources:	<ul style="list-style-type: none"> • Have applied to SSCS for a subsidy to fund activities
8. Actions/Support requested from the Section:	<ul style="list-style-type: none"> • N/A
9. Action Plan:	We ran online seminars using IEEE Web resources and UCD Zoom webinar. We co-sponsored an in-person workshop. We plan to run our first hybrid event in November. Will help with the new UCD Student Chapter.