Tyndall Post-Grads Impress in the 2019 Postgraduate Paper Competition

Together with sponsor Catalyst Analog Devices, Tyndall celebrated the winners and finalists of the 2019 Postgraduate Paper Competition this week.

Dr. Fatima Gunning, Senior Staff Researcher & Acting Head of Grad Studies at Tyndall, praised the entries, saying:

This was an exceptionally competitive year with outstanding articles and publications in a cross-section of high-impact journals showcasing Tyndall’s research breadth and excellence.

This year’s panel of eight judges found it particularly difficult to select from the high standard of submitted papers, and for the first time awarded two winners, two runners up, and recognised the remaining eight entrants as finalists.

Winners:

Shane O'Mahony, “Ultrafast Relaxation of Symmetry-Breaking Photo-induced Atomic Forces”, Shane M. O’Mahony, Felipe Murphy-Armando, Éamonn D. Murray, José D. Querales-Flores, Ivana


Runners up:


Finalists:


Cara Lena Nies, “Ru passivated and Ru doped ε-TaN surfaces as a combined barrier and liner material for copper interconnects: a first principles study”, Mater. Chem. C, 2019, 7, 7959


Kevin Shortiss, “Harmonic frequency locking and tuning of comb frequency spacing through optical injection”, Optics Express, Vol. 27, No. 25, 36976 (2019)

Louise McGrath, “Ionic Liquid Based Polymer Gel Electrolytes for Use with Germanium Thin Film Anodes in Lithium Ion Batteries”, ChemistryOpen 2019, 8, 1429–1436

Sanjeev Kumar, “A 915MHz Wristwatch-Integrated Antenna for Wireless Health Monitoring”, paper # 157063765 accepted for publication at EuCAP 2020