



The 17th **Warwick Postgraduate Colloquium in Computer Science (WPCCS)** was held on Monday 9th December, in the Mathematical Science Building for the first time. This year's event saw 78 submissions from postgraduate research students in the Department. The submissions were split across six varied tracks, highlighting the breadth and depth

of research currently being conducted by PhD students within the Department. WPCCS 2019 was funded by the Department and received an additional Researcher Development grant for student-led conferences, which allowed for the professional standard of the event.

Student presentations were supplemented with two engaging guest talks from academics in the Department. Torsten Mütze captured everyone's attention with the mathematics behind origami, and Feng Hao enlightened the audience on the encryption challenges behind e-voting. The day concluded with a festive drinks reception, sponsored by the Department's two Centres for Doctoral Training (CDTs), at which prizes were awarded to the best posters and presentations.

PhD student attendee Jonathan Davies said, "It was very rewarding for me to present at WPCCS this year. It gave me the opportunity to share my research with others and engage in stimulating conversation with my fellow postgraduate colleagues. The guest talks, in particular, were thought-provoking and engaging. I look forward to presenting at WPCCS in the future."

Hakan Ferhatosmanoglu, Director of Postgraduate Research and CS CDT, said, "It was a pleasure to attend WPCCS this year and to celebrate the excellent work that has been undertaken by our PhD students in the past year. It was great to see how everyone was having research discussions and exchanging ideas with each other."

## Prize Winners

Best Presentation - John Pocock

Best Poster - Tom Wood

Best in Computational Biology - John Pocock, Rawan Abulsayli, and Hammam Alghamdi

Best in Theory, Foundations, and Discrete Mathematics - Alex Dixon, and  
Thesjaswini Raghavan

Best in Computer Security and Networks - Jasmine Grosso, and Shin Wang

Best in Machine Learning and Artificial Intelligence - Tom Wood, Abeer  
Almowallad, Gabriele Pergola, Haoyi Wang, Junyu Li, and Helen McKay

Best in High Performance Computing and Databases - Richard Kirk, and Dean  
Chester

Best in Urban Science - Jonathan Davies, Teddy Cunningham, Elisa Baioni, Ivana  
Tosheva, and Shanaka Perera

<https://warwick.ac.uk/fac/sci/dcs/research/wpccs/wpccs19/>

