

FINAL CALL FOR PAPERS



About Belfast

Belfast is one of Europe's most friendly and fashionable regional capitals. Described by Lonely Planet as a 'best place to visit' in 2018, it was also voted one of the world's top 10 destinations by National Geographic Traveler in 2012. Northern Ireland is renowned for its spectacular scenery, including the Giant's Causeway – a World Heritage site – its thriving cultural life, and the friendliness and hospitality of its people. It is also the location for most of the filming for the TV series, Game of Thrones.

About Queen's University

Queen's University's historic, city-based campus is set in south Belfast, 15 minutes' walk from the vibrant city centre. Travelling to and from Northern Ireland is easy and cheap. Other major UK cities are within an hour's flying time from Belfast's two airports and are serviced by multiple daily flights. Regular buses are easily available between Dublin city/airport to central Belfast.

Important Dates

Draft Manuscript submission:

February 26, 2018 March 19, 2018

Special Sessions Proposal:

February 12, 2018

Acceptance/Rejection Notice:

April 30, 2018

Final Manuscript Submission:

May 14, 2018

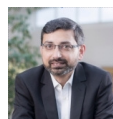
Originally founded in 1990 as a Colloquium in Digital Signal Processing and Control, the Irish Signals and Systems Conference (ISSC) is now a well reputed annual event on the Island of Ireland covering all aspects of signals and systems. Following its original inception, the focus of the conference remains on Signal Processing, Control and Automation, ICT related concepts, Systems Modelling, Design and Implementation for a wide range of applications. Queen's University Belfast will be hosting the 29th ISSC conference in 2018 and would like to take this opportunity to invite all researchers working in the general area of Signals and Systems to submit their research and actively participate in the event. Technically co-sponsored by UK and Ireland *IEEE UK and Ireland Signal Processing Chapter* and *IEEE Computational Intelligence Society*, the scope of the conference generally covers the theory and applications of signals and systems in multiple disciplines. The program committee will select high quality papers for oral and poster presentations based upon peer reviews. Brief industrial submissions are also welcome. Subject to the conference registration requirements all accepted papers will be published in the IEEEExplore Digital Library.

Plenary Talks



Professor Raphael Jungers, FNRS Professor at UCLouvain, Belgium

Title: Algebraic and Optimization Techniques for Cyber-Physical Systems



Professor Muhammad Imran, Professor of Communication Systems, University of Glasgow

Title: Communication Systems to Combat Emergency and Disaster Scenarios - A 5G use case



Professor Damien Coyle, Professor of Neurotechnology, Ulster University

Title: Brain-Computer Interfaces and Wearable Neurotechnology: Lab Experiments to Real World Applications

Special Plenary



Dr Coorous Mohtadi, MathWorks

Title: Deep Learning with MATLAB: Real-time Object Recognition and Transfer Learning

Sponsors



Website www.issc.ie Email issc2018@qub.ac.uk  [@issc2018](https://twitter.com/@issc2018)

Organising Committee: General Chair: Dr Wasif Naeem, Co-Chair: Prof Seán McLoone, Program Chair: Dr Nikolaos Athanasopoulos, Local Organising Chair: Dr Ahmad El Khatib

