

WISHING YOU VERY HAPPY
HOLIDAYS!

From
EFUTURES



EFUTURES DECEMBER NEWSLETTER

VOLUME 7

INTRODUCTION

Hello, and welcome to the last eFutures newsletter of 2020! It's fair to say it's been a year replete with unexpected events - and packed with challenges.

Looking towards the next twelve months, we have grand ambitions for electronics and electrical engineering in the UK. We will be pushing conversations on sustainability in our sector; looking to maximise the impact of the research happening across the country; running several funding calls for feasibility studies; and charting the national expertise via a large-scale landscaping exercise.

Please do share this with colleagues who may not be aware of the eFutures network and the opportunities and support we can provide. To join eFutures, which is free, simply email efutures@qub.ac.uk. To discuss being involved in any activity, please email beth.mcevoy@qub.ac.uk.

In the meantime, we wish you all a restful holiday over the winter break; and a brighter 2021

EFUTURES' BIG IDEAS INITIATIVE WE NEED YOUR HELP!

In 2021, eFutures will be facilitating a number of events and initiatives framed around generating a Big Ideas proposal from our community. With an eye to Net Zero, our priority area for this is in the broad arena of sustainability.

We are looking at both making electronics and electrical products more sustainable; and at how electronics technology can improve sustainability in other domains.

We are hoping that as many eFutures members as possible will answer this questions: "*What does electronics for sustainable societies mean to you?*" To submit your response please [click here](#).

To be kept up to date on our Big Ideas plans, or to find out more, please email beth.mcevoy@qub.ac.uk



EVENTS

UK CIRCUITS AND SYSTEMS WORKSHOP 2020

The UKCAS2020 will be the 3rd workshop that will continue to provide opportunities for knowledge exchange, networking and collaboration opportunities between researchers and academic participants from UK and Ireland universities through technically orientated lectures, poster presentations and discussions covering various areas in circuits, systems and VLSI designs.

Roger Woods, the PI of eFutures will be giving the topical keynote talk on Dynamic Multi-task Execution on FPGA-based Computing Systems.

When : 11th December 2020

Where : Virtual attendance via zoom

Keynote : Professor Stephen Furber

For more information or to register for free please [click here](#)



AI AT THE EDGE: HEALTHCARE

On the 11th December, the KTN and EPoS (the European Technology Platform for Smart Systems) series of webinars on "**AI at the Edge**" will focus on Healthcare.

The two-hour session will host presentations and case studies, both from academia and industry; and will explore the potential impact of adding AI or Machine Learning to embedded solutions within the Healthcare sector.

When : 11th December 10.00 - 12.00

Where : Online, [register here](#)

Link for case studies : [please click here](#)



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NEWS

The Advanced Manufacturing Research Centre (AMRC) has published a Digital Twin Report, which clarifies technology use, details case studies and provides implementation strategies. To access the full report please [click here](#).



A new report by the UK Circular Economy charity The Ellen MacArthur Foundation, advises policymakers on a low-carbon recovery strategy from the COVID-19 pandemic. for more information please [click here](#).

