Lancaster Intelligent, Robotic & Autonomous Systems Centre



Hi there,

Welcome to the June 2020 edition of the LIRA newsletter. In this month's newsletter, we have information on a call for Transformative Healthcare Technologies and updates from Robotics Week...



Call for Transformative Healthcare Technologies

UKRI has made a second call for proposals for <u>Transformative Healthcare Technologies</u>. It targets projects that that are guided by a long-term vision to pursue new, 'high risk high reward' ideas and develop thinking and approaches supported by the next generation of science, engineering and emerging technologies. The closing date is Thursday 30th July.



Latest updates from Robotics Week

The UK-RAS Robotics Week ran from 22nd–28th June. The week was a seven-day celebration of robotics science, showcasing hundreds of events ranging from school competitions and challenges to lectures, open days, symposia and workshops. To find out more, and for the latest updates, visit the <u>UK-RAS website</u>, or <u>follow</u> <u>@UKRobotics on Twitter</u>.



EPSRC money for underpinning equipment

The EPSRC has invited Lancaster to apply for up to £250k for equipment to support research that falls within the EPSRC's remit. If you are interested, please contact <u>researchdevelopment@lancaster.ac.uk</u> for an application form. The deadline is 4pm on Monday 6th July.

Opportunities

UKRI Get funding for ideas that address COVID-19

UKRI has announced an open funding call available for short-term projects addressing and mitigating the health, social, economic, cultural and environmental impacts of the COVID-19 outbreak. Researches who hold an existing UKRI standard grant can consider repurposing their funding. For more information, see the UKRI website.

New book chapter from LIRA member

LIRA member Allahyar Montazeri has co-authored a new book chapter in the forthcoming *Unmanned Aerial Systems: Theoretical Foundation and Applications*, published by Elsevier. The chapter is titled '<u>Unmanned</u> <u>Aerial Systems: Autonomy, Cognition and Control</u>'.

New Hub to lead UK research on autonomous systems

The Trustworthy Autonomous Systems Hub will spearhead work to ensure that autonomous systems such as driverless cars and robots are trustworthy by default and can ultimately benefit society and industry. The UKRI is investing £33 million to support the programme, which is being managed by the EPSRC. <u>Find out more</u>.

CLAIRE Taskforce on COVID-19

The CLAIRE network has set up a website which compiles existing initiatives by which AI and other emerging technologies are contributing in the fight against COVID-19. There is information on current funding opportunities. You can also sign up as a volunteer or submit initiatives using AI to tackle COVID-19. For more information, click here.

Design and Synthesis of Chemicals and Materials

EPSRC A13SD Network Plus has announced a second funding call with the focus on Design and Synthesis of Chemicals and Materials. The deadline for applications is 19th December 2020. <u>For more information, see the</u> <u>EPSRC website</u>.

UKRI GCRF Collective Programme

The UKRI has also announced its GCRF Collective Programme – a series of calls designed to enhance the overall impact across six strategic challenge portfolios including: cities and sustainable infrastructure; education; food systems; global health; resilience; and security. <u>Find out more</u>.

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