MASTERCLASS IN SWARM, SOFT & AERIAL ROBOTICS

Future technologies for logistics, manufacturing and smart infrastructure

Wednesday 19 April 2023 at Bristol Robotics Laboratory

UKRI TAS NODE IN **FUNCTIONALITY**

brl Bristol Robotics Laboratory

University of **BRISTOL**

UKRI **UK Research and Innovation**

MASTERCLASS DETAILS

Organised by the UKRI Trustworthy Autonomous Systems (TAS) Node in Functionality on behalf of the UKRI TAS Programme, the Masterclass in Swarm, Soft and Aerial Robotics will provide developers, operators, end users and researchers with an opportunity for hands-on experience with a range of autonomous and robotic technologies that can be deployed in the logistics, manufacturing and infrastructure industries.

Participants will work with university researchers to try out and explore the capabilities of the latest technologies in swarm robotics, soft robotics and aerial robotics (drones) via an interactive 'teaching and doing' format.

There will also be the opportunity to explore future avenues for the use of these technologies in the context of your own work, with the TAS Node sponsoring a number of follow-on summer student research projects after the event.

LOCATION

Bristol Robotics Laboratory
T-Block, UWE Bristol, Bristol BS16 1QY
Directions: **bristolroboticslab.com/contact**

PROGRAMME
Wednesday 19 April 2023

10:00 Arrival & registration
10:15 Introductory talks
11:00 Lab tours & technology demos
12:00 Lunch break
13:00 Parallel Workshops:
    1. Soft Robotics
    2. Swarm Robotics
    3. Aerial Robotics
15:00 Discussion & networking
16:00 End

ORGANISING COMMITTEE

From the University of Bristol's UKRI Trustworthy Autonomous Systems Node in Functionality:

SHANE WINDSOR
Aerial Robotics lead

SABINE HAUERT
Swarm Robotics lead

JONATHAN ROSSITER
Soft Robotics lead

KATIE DRURY
Project Manager

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