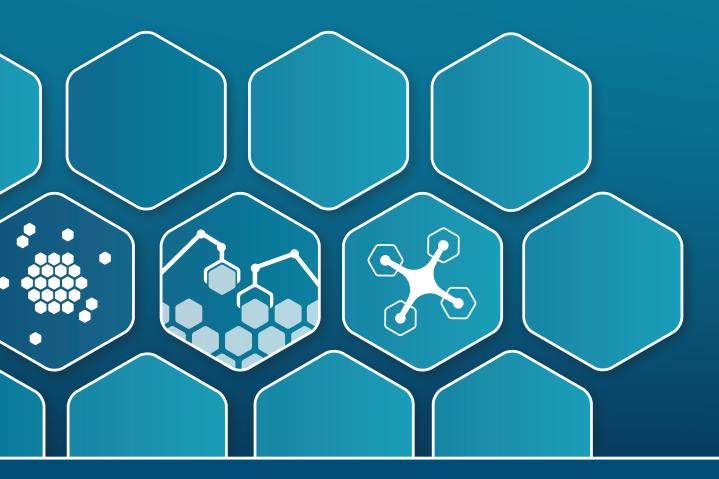
## **EVENT PROGRAMME**

# 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







UK Research and Innovatio

#### 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



JONATHAN ROSSITER Soft Robotics lead



SABINE HAUERT Swarm Robotics lead



KATIE DRURY Project Manager

TASFUNCTIONALITY.BRISTOL.AC.UK