



# Internet of Things (IoT) Laboratory



## PURPOSE

- Design and prototyping of smart sensors
- Cloud-based deployment
- Development of LoRaWAN solutions
- Delivery of STEM classes for schools

## A dedicated research space for the development of sensor and Internet of Things technologies.

SMART Infrastructure Facility (SMART) is leading the way in establishing an Internet of Things (IoT) network in the Illawarra region to enable effective sharing and analysis of data.

Partnering with University of Wollongong's Sustainable Buildings Research Centre (SBRC), the IoT Laboratory - located within SMART's \$62 million facility - is a dedicated space for the development of sensor and IoT technologies.

Work conducted by the laboratory includes the utilisation of cutting-edge cloud computing and sensor technology to capture essential data on rising water levels.

This water level data has been used to inform

emergency management authorities in monsoon-impacted regions.

The IoT Laboratory is a member of The Things Network, a community of technology enthusiasts and developers leading the way in developing a free and open Internet of Things data network.

## TEAM

- Dr Matthew Berryman (Director)
- Dr Mehrdad Amirghasemi
- Dr Johan Barthelemy
- Dr Massimo Fiorentini
- Dr Robert Gorkin III
- Profesor Pascal Perez

## PROJECTS

- PetaJakarta.org
- STEM Outreach: Internet of Things and emergency flood mapping

## MEMBERSHIPS

- Meshed
- Sustainable Buildings Research Centre, University of Wollongong
- The Things Network

## Contact us for more information

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