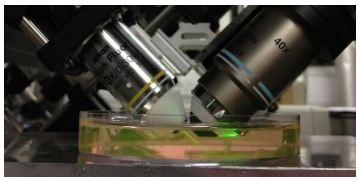
CamBridgeSens

Centre for Doctoral Training in Sensor Technologies & Applications

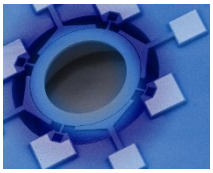
EPSRC Engineering and Physical Sciences Research Council

Become a Champion in Sensor Innovation



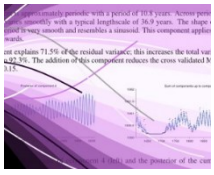
Master the challenges of sensor research and harness future opportunities

Technologies



- MEMS
- Optical and acoustic sensors
- Biosensors
- Chemical sensors
- Microfluidics
- Lab on a chip
- Open source hardware

Middleware



- Sensor networks
- Signal processing
- Data analysis
- Sensor and human interfaces

End use

- Smart infrastructure
- Healthcare
- Life sciences
- Biological & medical imaging
- Environment
- Security
- Food production

The programme

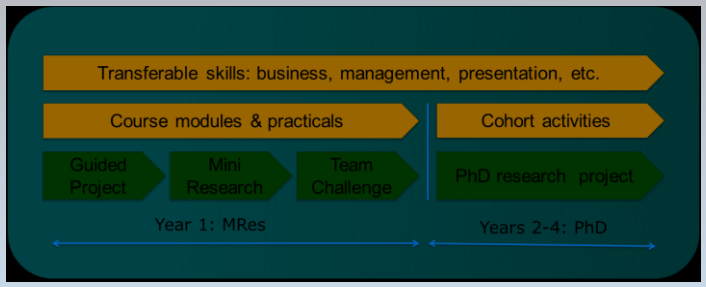
1 year MRes + 3 years PhD

- Sensor theory, technologies and applications
- Cross-disciplinary research
- Wide choice of PhD projects
- Management and business skills
- Team work and leadership
- Industrial experience

Admissions

We are looking for graduates in:

- Engineering
- Physics
- Biology
- Chemistry
- Computer Science
- Medicine



Participating departments include

Chemical Engineering
Computer Laboratory
Materials Science
Judge Business School
Engineering
Chemistry
DAMTP
Medicine
Physics
Biology
Biochemistry
Neuroscience

Shell Global Solutions
Rolls-Royce
NPL
NOKIA Connecting People
CDT Cambridge Display Technology
Alphasense Ltd

Industry, academia and society are looking for sensor experts.

To apply visit cdt.sensors.cam.ac.uk

First round deadline 2nd December 2014

Final deadline 30th June 2015

10 fully funded studentships for UK & eligible EU students