

Kate Sugden

Deputy Dean for Enterprise at Aston University

Birmingham, , GB

Kate Sugden's research interests are in fibre optic sensing systems, fibre Bragg gratings and femtosecond materials processing.

Biography

Kate Sugden joined Aston University in 2004 as a Medici Fellow having spent seven years in industry and became a Senior Lecturer in 2008 and a Reader in 2014. In 2018 She moved to the College of Engineering and Physical Sciences as Deputy Dean for Enterprise and International. Kate's main research interests are in fibre optic sensing systems, fibre Bragg gratings and femtosecond materials processing. After her PhD and two years working as a research fellow Kate worked for ADC in Australia for a year transferring fibre Bragg grating technology into a production environment. When she returned to the UK she worked as a director for two fibre optic companies, first for Oxford Fiber Optic Tools, and then Indigo Photonics. Kate's teaching interests lie in the development of courses that holistically develop a broad range of engineering skills. At the moment her teaching activities revolve primarily around work and study placements.

Areas of Expertise

Fibre Bragg Gratings, Physics, Optical Fibre Devices and Systems, Optical Sensing, Optics

Education

Aston University

PhD Photonics

St Andrews University

MSc Optoelectronics

University of Birmingham

BSc Physics

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