Will Shu

Dr Shu's current research activities explore the new possibilities enabled by MEMS and Nanotechnology and the interfaces with life sciences. His research interests and ongoing work include the following areas: Microcantilever sensor array; Integrated microfluidic systems for synthetic biology, cell culture and high-throughput drug screening; and sensor integrated microfluidic devices. In particular, he is interested in integrating novel biophotonics techniques with microfluidics and biosensors for cellular studies.

Department

Mechanical Engineering, School of Engineering and Physical Sciences

Institution

Heriot-Watt University

Address

Department of Mechanical Engineering
School of Engineering and Physical Sciences
Heriot-Watt University
Edinburgh
EH14 4AS

Tel

+44 (0)131 451 8165

e-mail

w.shu@hw.ac.uk

URL

http://www.mec.hw.ac.uk/shu/

Work Groups

Biophotonics	☒
Integrated Photonics	☐
Solar Cell Devices	☐
Solid State laser Engineering	☐
Photonic Sensors	☒