

Contact Details

Dr. Yan Gu

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Facility Experience

- Microscope Facility Manager, Gnome Damage and Stability Centre, University of Sussex, UK (Dec. 2016 – date)
- Head of Confocal Imaging and Analysis Lab, National Institute of Medical Research, MRC UK (Feb. 2007 – April 2015)
- Microscope Facility Manager, Clinical Sciences Centre, MRC, UK (March 2004 – Jan. 2007)

Education

- PhD, University of Dundee (2000)
- MScEng, Chinese Academy of Space Technology (1988)
- BScEng, Tshinghua University (1985)

Expertise

- Imaging technology development, such as light-sheet microscopy
- Live imaging, quantitative imaging and image processing
- Scientific collaboration with biologists.
- FLIM, FRAP, FRET etc.
- Imaging facility setup, expansion and management with limited resources.
- Microscope upgrades
- Multidiscipline staff management.
- Support users from different levels and different background.
- Close relationship with major microscopy and imaging companies.
- Translation of diversified biological requirements into imaging criteria.

Additional Information

- Director and shareholder of Holoscan (UK) Ltd (47 Prince's Gate, London, 2000-Jan. 2005)
- Co-organiser of 3rd international Light-Sheet Fluorescence Microscopy Conference (Sheffield, 2016)
- Co-organiser/speaker of annual RMS Light Microscopy Facility Manager Course (Since 2013)
- Certificate in First Line Management (by Institute of Leadership & Management, 2006)
- MRC Certificate: Best Practice in Staff Recruitment (2008)