



A Virtual Welcome to Keele



Dr Sandra I. Woolley PhD FHEA SMIEEE FBCS
Software and Systems Engineering Research
School of Computing and Mathematics,
Keele University



Keele University, Staffordshire



About Keele

✓ Sustainability and Smart Energy

- Home of Europe's largest at-scale smart energy network demonstrator.

✓ Health and Medicine

✓ Computer Science

- **Software and Systems Engineering Research**
- **Usability and Human-Computer Interaction**
- Data Science, Big Data, Digital Health, Smart Energy, AI, Ethics, Education, ...

The screenshot displays the Keele University website's navigation and content for the Software and Systems Engineering research group. At the top, the Keele University logo and a 70th anniversary emblem are visible. A navigation bar includes links for STUDENTS, STAFF, ALUMNI, FACULTIES, and INTERNATIONAL. Below this, a secondary navigation bar lists STUDY, RESEARCH, DISCOVER, BUSINESS, and CONNECT. The main content area features a blue header for 'Software and Systems Engineering' with sub-links for Researchers, Publications, and Research opportunities. A breadcrumb trail reads: HOME > SCHOOL OF COMPUTING AND MATHEMATICS > RESEARCH > COMPUTER SCIENCE RESEARCH > SOFTWARE AND SYSTEMS ENGINEERING. The main heading is 'SOFTWARE AND SYSTEMS ENGINEERING'. The text below describes research areas: complex systems, computational systems, knowledge modelling, human-computer interaction (HCI), user-centred design (UCD), 'big data' analytics, e-Learning and biological system design. It also mentions interests in computer vision, cultural informatics, wearable systems, and health technologies. Three image-based tiles are shown: 'Systems & Usability Engineering' (hands holding a tablet with icons), 'Complex Systems' (a glowing network diagram), and 'Software Engineering' (a close-up of code on a screen).

<https://www.keele.ac.uk/scm/research/computerscienceresearch/softwareandsystemsengineering/>

The Keele Team

Software and Systems Engineering Research

- **Ed de Quincey** (Programme Chair)
- **Goksel Misirli** (Papers Chair)
- **Bappaditya Mandal** (Papers co-Chair)
- **Marco Ortolani** (Publicity Chair)
- **Prof Peter Andras** (Head of School)
- **Prof Fiona Polack** (Head of Research)
- **James Mitchell** (Social Media Chair)
- **Chris Briggs** (Web Chair)
- me (Conference Chair)
- ... and many others

The screenshot displays the Keele University website's research page for Software and Systems Engineering. At the top, the university logo and navigation menu are visible. The main content area features a header for 'SOFTWARE AND SYSTEMS ENGINEERING' followed by a paragraph describing the research focus: 'We carry out research in the areas of complex systems, computational systems, knowledge modelling, human-computer interaction (HCI), user-centred design (UCD), 'big data' analytics, e-Learning and biological system design. We also have research interests in computer vision, cultural informatics, wearable systems and health technologies. Together our research themes have applications and strong relevance to health, education and smart energy.' Below this text are three image-based sections: 'Systems & Usability Engineering' (showing a hand interacting with a tablet displaying a cloud icon), 'Complex Systems' (showing a network of glowing nodes), and 'Software Engineering' (showing a close-up of code on a screen).

<https://www.keele.ac.uk/scm/research/computerscienceresearch/softwareandsystemsengineering/>

Programme Committee

Thanks to BCS Interaction Group
Chair and Past BCS HCI Organisers

- **Dr Gavin Sim**
(BCS Interaction Chair)
- **Prof Lynne Hall**
(2017 BCS HCI organiser)
- **Dr Tom Flint**
(2017 BCS HCI organiser)
- **Dr Raymond Bond**
(2019 BCS HCI organiser)
- **Prof Alan Dix**
(Doctor Consortium Chair)



<https://hcibook.net/dc-bcshci2020/>





We hope you'll be visiting Keele again in the future ...





Wishing you a fantastic virtual
Doctoral Consortium at Keele!

Sandra Woolley

s.i.woolley@keele.ac.uk

Software and Systems Engineering Research
School of Computing and Mathematics

Keele
UNIVERSITY

