

The 43rd Maurice Lubbock Memorial Lecture

Wednesday 10 May 2017 at 5.00pm

Mathematical Institute, Woodstock Road, Oxford OX2 6GG



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‘Will future communications technologies lead to cyber wars or a better world?’

My dustbin is talking to the council behind my back

Speaker: Naomi Climer FEng, BSc, HonDUniv, HonDEng, CEng, FIET, HonMWES



Communications technology has enabled massive social change over the past decades. We can work from home, watch video anywhere on any device, influence governments and corporations via social media and collaborate with people all over the world. As always with the march of technology, the many benefits that we enjoy are accompanied by challenges - cyber security, inadequate coverage, the ease of spreading fake news, trolling and worse.

Naomi Climer will talk about where communications technology is heading including 5G and the Internet of Things (IoT)

- what will be the ‘killer apps’ of the IoT? What could we do when everything is connected to the internet? How will we use all this extra bandwidth and speed? How could communications technology improve life for everyone on the planet?

Naomi will cover the technical challenges still to be overcome and discuss some of the social challenges and spectacular opportunities that 5G and the internet of things will create.

Profile

Naomi is an engineer, whose career has been spent in the broadcast and communications technology industry including at the BBC, ITV and Sony both in Europe and the US. She is a Trustee and Past-President of the Institution of Engineering and Technology (IET), Chair of the International Broadcasting Convention (IBC) Council and Chair of the UK Government (DCMS) Future Communications Challenge Group (FCCG) looking at the technology opportunities for the UK created by 5G and the Internet of Things. Naomi is a Governor on the Board of the National Film and Television School (NFTS), a Commissioner on an independent commission on the Future of Work and also works as a consultant with the Board of Sony's UK Technology Centre.

Naomi is listed in the Daily Telegraph and Women's Engineering Society 50 Most Influential Women in UK Engineering in 2016 and in Computer Weekly's 50 Most Influential Women in UK IT 2015 and 2016. In her spare time, Naomi is a keen sailor, motorcyclist and all things outdoors.

The Department of Engineering Science is grateful to the Trustees of the Lubbock Trust for their generous support of this event.