

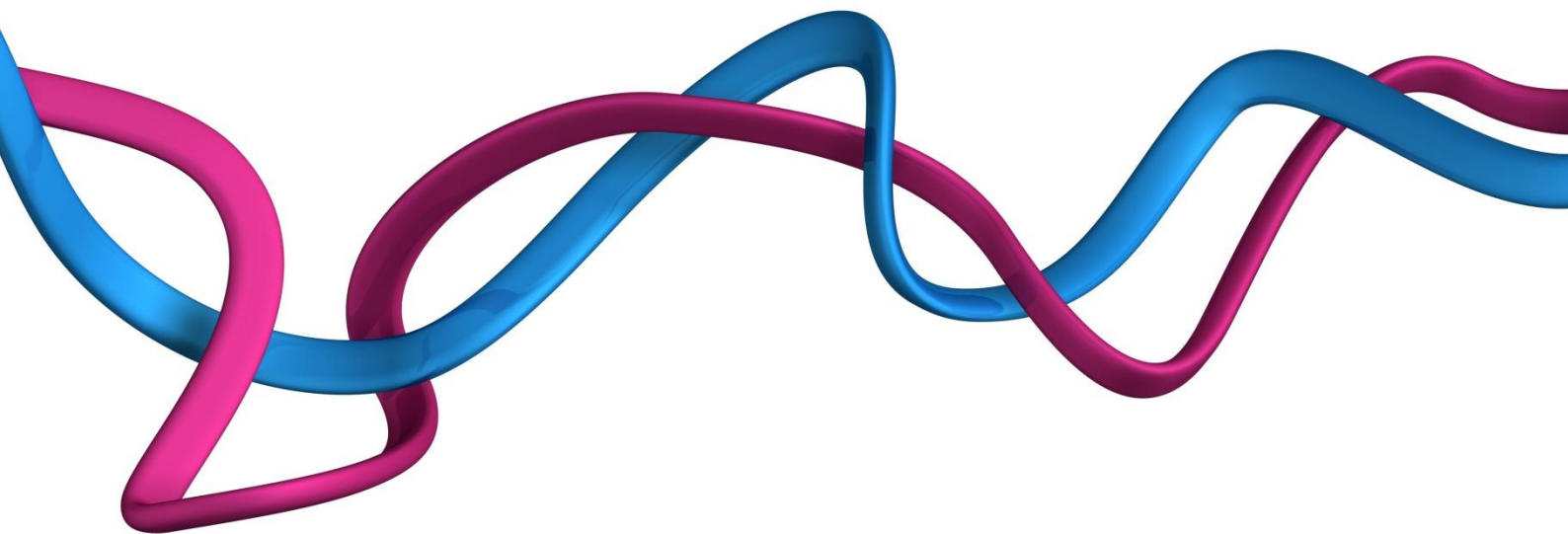


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ACADEMY OF  
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# Innovation in haptics

**Tuesday 4 July 2017  
2:00pm – 6:30pm**

**Royal Academy of Engineering  
Prince Philip House  
3 Carlton House Terrace  
London SW1Y 5DG**



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## Innovation in haptics

This latest in the Academy's *Innovation in...* series of events will showcase a selection of the most recent advances in haptic technologies that are bringing virtual reality to life and revolutionising the way we interact with technology.

### Programme

1.30pm      **Registration**

2.00pm      **Welcome by the Chair**

2.05pm      **Keynote address**

Tom Carter, CTO and Co-Founder, Ultrahaptics

### Session 1: Innovating healthcare

2.30pm      **Haptics in healthcare: current and future applications**

Dr Alastair Barrow, Co-Founder and Director, Generic Robotics

2.40pm      **Surgery with a sense of touch: haptic VR surgical training applications**

Chris Scattergood, Co-Founder, Fundamental VR

2.50pm      **VR and physical rehab**

Dr Isabel Van De Keere, Founder and CEO, Immersive Rehab

3.00pm      Session panel Q&A

3.10pm      Demonstrations and refreshment break



## Session 2: Visualising the future

3.40pm **Future cities: a step change in modelling and visualisation**

Vladimir Vorotovic, Lead Modelling Specialist, TfL

3.50pm **Challenges ahead: driverless cars**

Dr Daniel Paluszczyszyn, De Montfort University

4.00pm **VR and haptics for robotics in challenging environments**

Ronan Kelly, Software engineer, RACE

4.10pm Session panel Q&A

## Session 3: Bringing you to your senses

4.20pm **The future of haptics in the music industry**

Atau Tanaka, CTO, Clicmobile

4.30pm **Feeling the future**

Dimitree Marozau, Co-Founder & CEO, Tesla Studios

4.40pm **In touch with your surroundings**

Christopher Dean, Founder, Touch & Discover Systems

4.50pm Session panel Q&A

5.00pm **Panel discussion: one touch beyond – the future of haptics**

Panellists:

- Luciana Carvalho Se, Founding member, Realities Centre
- Rowland Manthorpe, Editor, WIRED
- Amelia Kellman, Head of Innovation, Engage Works
- Yeshwanth Pulijala, Co-Founder, Open Simulation





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- 5.25pm Closing remarks by the Chair
- 5.30pm Drinks reception and demonstrations
- 6.30pm Close