



Wave Engineering Bristol

agenda

Wednesday, February 15, 2017

Engineers' House, Clifton Down, BS8 3NB

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|------|---------------|---|------------------|
| a.m. | 9:00 – 10:30 | Arrival Breakfast with tea and coffee | |
| | 10:30 – 10:45 | Introduction Welcome | Bruce Drinkwater |
| | 10:45 – 11:25 | Knots in waves: topological engineering and behaviour in the wild | Mark Dennis |
| | 11:30 – noon | Ultrasonic defect characterisation using parametric-manifold mapping | Sasha Velichko |
| p.m. | Noon – 1:30 | Lunch break Hot and cold brasserie lunch | |
| | 1:30 – 2:00 | Metamaterials by design and quantal metasurfaces | Mihai Caleap |
| | 2:00 – 2:30 | Biosonar camouflage and acoustic tomography | Marc Holderied |

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| p.m. | 2:30 – 3:00 | Break Refreshments Q&A panel: All participants | |
| | 3:00 – 3:30 | Title tbc | Benjamin Long |
| | 3:30 – 4:00 | Wave propagation through granular soils: active probing and passive monitoring | Erdin Ibraim |
| | 4:00 – 4:15 | Break Refreshments Q&A panel: All participants | |
| | 4:15 – 4:45 | Acoustics research at Dyson: Redesigning Helmholtz resonators to achieve attenuation at multiple frequencies | Nicolas Etaix |
| | 4:45 – 5:15 | Optically reconfigurable microwave-terahertz circuits and antennas | Martin Cryan |
| | 5:15 – 5:30 | Wrap-up Discussion | Mihai Caleap |
| | 5:30 - | Visit to the pub | All participants |

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