

Energy Harvesting

An EPSRC Funded Network

www.eh-network.org

Energy Harvesting 2013

25 March 2013

Hamilton House, Mabledon Place, London, WC1H 9BD



This event provides a platform to disseminate energy-harvesting advances in the UK, and contains presentations and demonstrations from well-respected speakers in academia and industry, and posters from PhD students. Sponsored by the EPSRC and Energy Harvesting SiG.

9.15	Arrival, Registration and Coffee
09.45	Welcome and Introduction <i>Steve Beeby, University of Southampton</i>
09.50	Keynote: The role of Microenergies: why studying micro energies can push the autonomous sensor market and the future of computing at once. <i>Luca Gammioni, Università di Perugia</i>
10.20	Microfabricated Thermoelectric Devices on Silicon Substrates <i>Douglas Paul, University of Glasgow</i>
10.40	Commercialising your ideas with Knowledge Transfer Partnerships <i>Neil Grice, KTP advisor</i>
10.55	Coffee Break and Networking
11.15	Vibrational Energy Harvesting for Civil Infrastructure Monitoring <i>Ashwin Seshia, Cambridge University</i>
11.35	Piezo Film for Energy Harvesting <i>Richard Brown, Measurement Specialties</i>
11.55	'Elevator Pitches' from Companies with Stands at this Event
12.10	Buffet Lunch and Poster Session
13.40	Keynote: Energy harvester powered sensors: A holistic approach <i>Paul Mitcheson, Imperial College London</i>
14.10	European Thermodynamics <i>Kevin Simpson, European Thermodynamics</i>
14.30	Development of Energy Harvesting Powered Wireless Communication Systems for Energy Autonomous Sensing <i>Meiling Zhu, Cranfield University</i>
14.50	Best Poster Award, Coffee Break and Networking
15.10	Keynote: Energy Harvesting – Progress and Challenges <i>Roy Freeland, President Perpetuum Ltd; Chairman of the 100.18 standards committee</i>
15.40	Zinc Oxide Nanorod P-N Junction-Based Piezoelectric Energy Generators <i>Steve Dunn, Queen Mary, University of London</i>
16.00	Piezoelectric energy harvesting at Morgan <i>Frederick Pimparel, Morgan Electroceramics</i>
16.20	End of Event

The EH Network is a network of researchers and end-users of energy harvesting technology. Membership is open to all with an interest in the development or application of energy harvesting technologies. To register, please visit <http://www.eh-network.org/join.php>.