

Energy Harvesting 2014

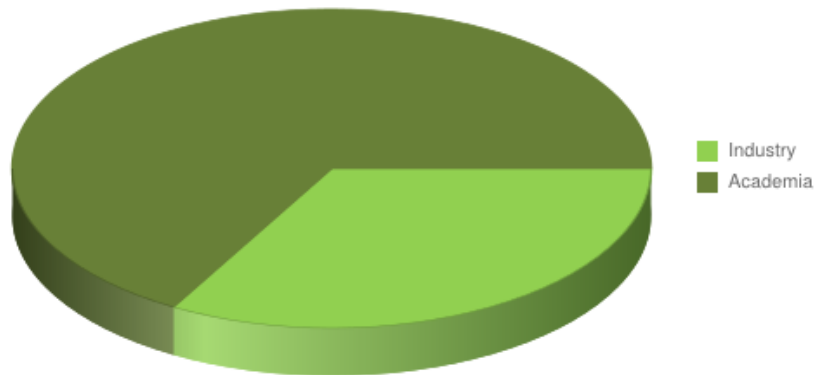
12th March 2014

Professor Robert Dorey, University of Surrey
Energy Harvesting Network Steering Committee Chair

Special
Interest
Group

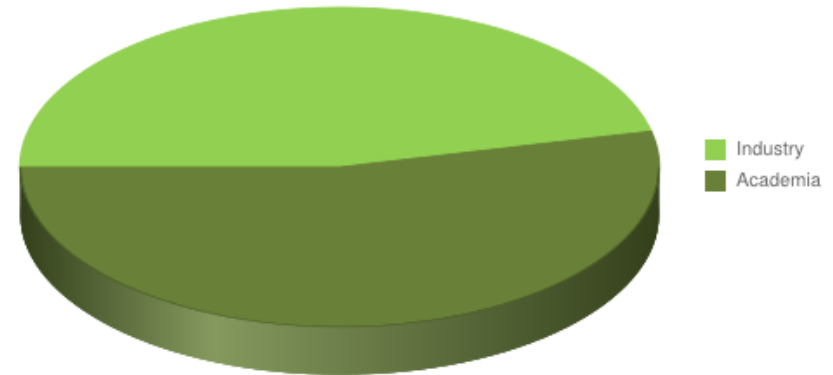
Energy Harvesting

Registered Members



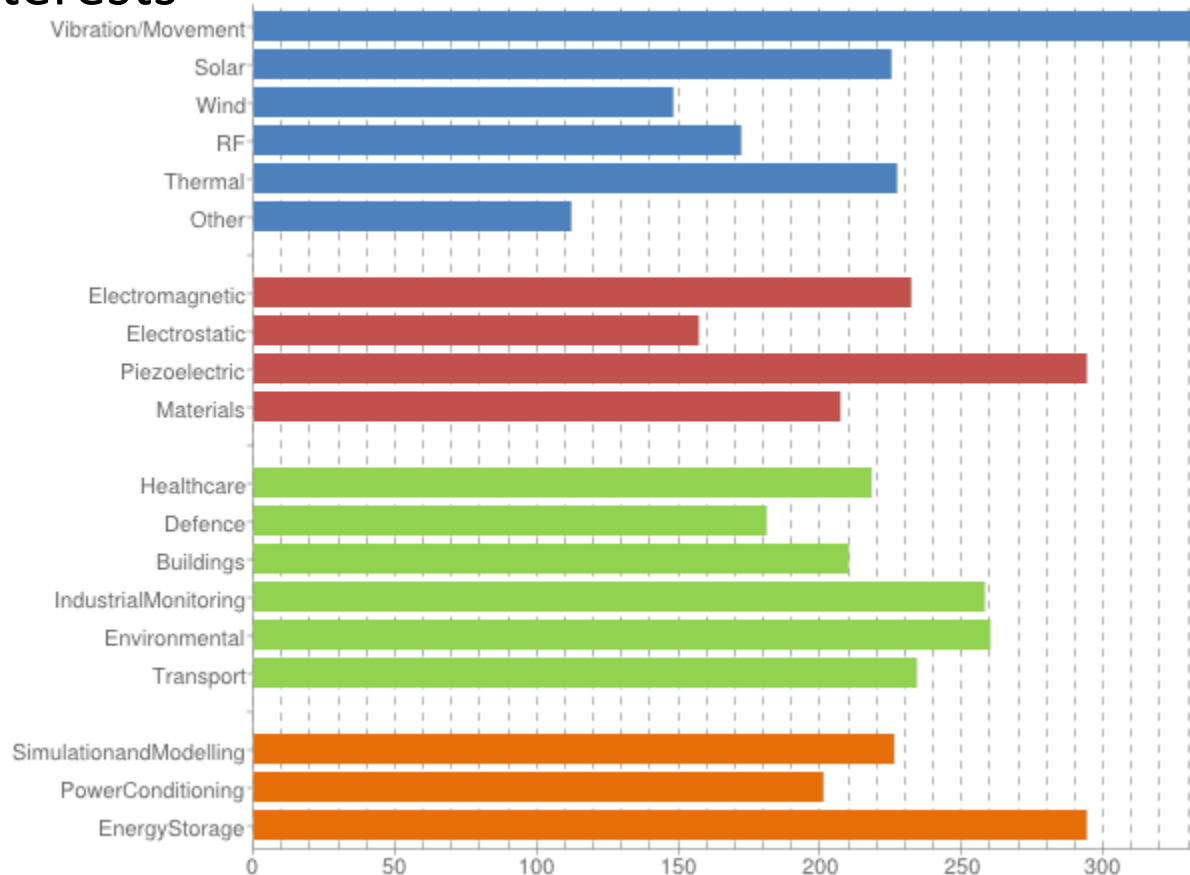
	2013	2014
Industry	126	140
Academic	239	280
		<u>420</u>

Registered Companies/Institutions



	2013	2014
Industry	143	161
Academic	158	186
		<u>347</u>

Member's interests



9:15	Arrival, Registration and Coffee
9:45	Welcome and Introduction <i>Rob Dorey, University of Surrey</i>
9.50	Flying With Liquids: Aircraft Thermoelectric Energy Harvesting Using Phase Change Materials <i>Tzern Toh, Imperial College London</i>
10.10	Modelling and Optimisation of Broadband Energy Harvesters Using Bistable Composites <i>Chris Bowen, University of Bath</i>
10.30	Kinetic Technology in the Smart Cities of the Future <i>Laurence Kembell-Cook, Pavegen (CEO)</i>
10.50	Coffee Break and Networking
11:20	Eight19's Plastic Photovoltaic Technology for Energy Harvesting Applications <i>Chris Rider, Eight19 (VP Business Development)</i>
11:40	Maximum Power Point Trackers for Energy Harvesters <i>Manel Gasulla, Universitat Politecnica de Catalunya, Barcelona</i>
12:00	TEMPEST: The Thermoelectrics Network <i>Bob Freer, University of Manchester</i>
12:15	'Elevator Pitches' from Companies with Stands at this Event <i>IDTechEx, European Thermodynamics Ltd</i>
12:30	Buffet Lunch and Poster Session
14:00	Is Energy Harvesting a Realistic Proposition within the Oil & Gas Sector? <i>Martin Bragg, Honeywell Process Solutions (Technology Strategy Director)</i>
14:20	Signal Optimization and Rectenna Design for Electromagnetic Energy Harvesting and Wireless Power Transfer <i>Apostolos Georgiadis, Centre Tecnologic de Telecomunicacions de Catalunya (CTTC), Barcelona</i>
14.40	Power Management in Energy Harvesting Applications at Fraunhofer IIS <i>Loreto Mateu, Fraunhofer IIS, Nuremberg</i>
15:00	Best Poster Award, Coffee Break and Networking
15:30	Wireless Sensors within Buildings Applications <i>Gilles Chabanis, Schneider Electric (Smart Sensors Manager in Strategy & Innovation)</i>
15:50	Energy Harvesting Metrology <i>Paul Weaver, National Physical Laboratory</i>
16:10	A Self-powered Autonomous Device for Wireless structural Health monitoring - the SANDWICH project <i>Carol Featherston, Cardiff University</i>
16:30	End of Event

Thanks to:

Geoff Merrett

Steve Beeby

Kai Yang

Simon Aliwell

Speakers