

SensorNet 2007

Exploring the future of sensor networks and their commercial applications

Wednesday, 30 May 2007
Conference Centre, Lancaster University

9:00 am – 9:30 pm Welcoming Reception

9:30 am – 10:30 am

Opening Remarks

Keynote Address

Thought Communication – Networks for the Future

Prof. Kevin Warwick, *Department of Cybernetics, Reading University*

10:30 am – 10:50 am Break

10:50 am – 12:10 pm

Session 1

Sensors in the Field: Supporting Health & Safety in Industrial Sites

Dr. Christos Efstratiou, *Computing Department, Lancaster University*

Applications of UWB in Mobile Sensor Networks

Mr. Behshad Memari and Prof. Bahram Honary, *Communications Department, Lancaster University*

Implanted Sensors for Respiratory-gated Medical Radiotherapy

Dr. Malcolm Joyce, *Engineering Department, Lancaster University*

Towards an Architecture for Pervasive Sensing

Dr. George Bilchev, *Sensor Networks Group, BT Research Labs*

12:10 pm – 1:10 pm Lunch

1:10 pm – 2:30 pm

Session 2

Casting a wider net: new applications for wireless sensing?

Dr. Steve Hodges, *Microsoft Research*

Distributed Sensing in the Environmental Sciences

Prof. Ian Marshall, *Environmental Sciences, Lancaster University*

Casting the Net: Sensor Network for Coastal Waters

Dr. Suzana Illic, *Geography Department, Lancaster University*

Wireless Sensor Networks for Industrial Processes

Prof. Trevor York, *School of Electrical & Electronic Engineering, Manchester University*

2:30 pm – 2:50 pm Break

2:50 pm – 3:50 pm

Session 3

"Chips are good for your health" - Metal Encapsulated RFID for Tracking and Monitoring of Surgical Instruments

Glyn Jones, *Savant Enterprises Ltd*

Accelerating Digital Live Art

Dr. Jennifer Sheridan, *BigDog Interactive*

Sensing Social Futures: Technologies of Social Communications, Cognition & Securities

Dr. Kingsley Dennis, *Sociology Department, Lancaster University*

3:50 pm – 4:00 pm Break

4:00 pm – 4:30 pm

Interactive Session – Open Discussion

Chairing: Mr. Daniel Hughes, *Computing Department, Lancaster University*

4:30 pm – 5:30 pm

Demos – Posters – Wine reception