

Group overview

Sensors and Devices Group
Microsoft Research Cambridge, UK

Why is *Microsoft* interested in hardware?

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- ‘Hardware’ is becoming increasingly diverse
 - Communications, power consumption, form factor
 - Input and output modalities
 - Other devices
- Not just MS relevant, academic community too

Background and remit of group

- Unusual perspective and context
 - technological expertise
 - sensitivities to and insights into usage
- Applied research into embedded hardware
 - sensors, actuators, displays & wireless comms
 - ubiquitous, mobile & peripheral devices
 - impact on the resulting *systems*
- Understand effect on 'traditional' computing

SenDev projects

- ThinSight
 - Thin form-factor display with touch input
- SenseCam
 - Wearable camera aid for memory-loss
- *wasp*
 - Embedded development platform
- Improving RFID performance
 - Simultaneous input and output

