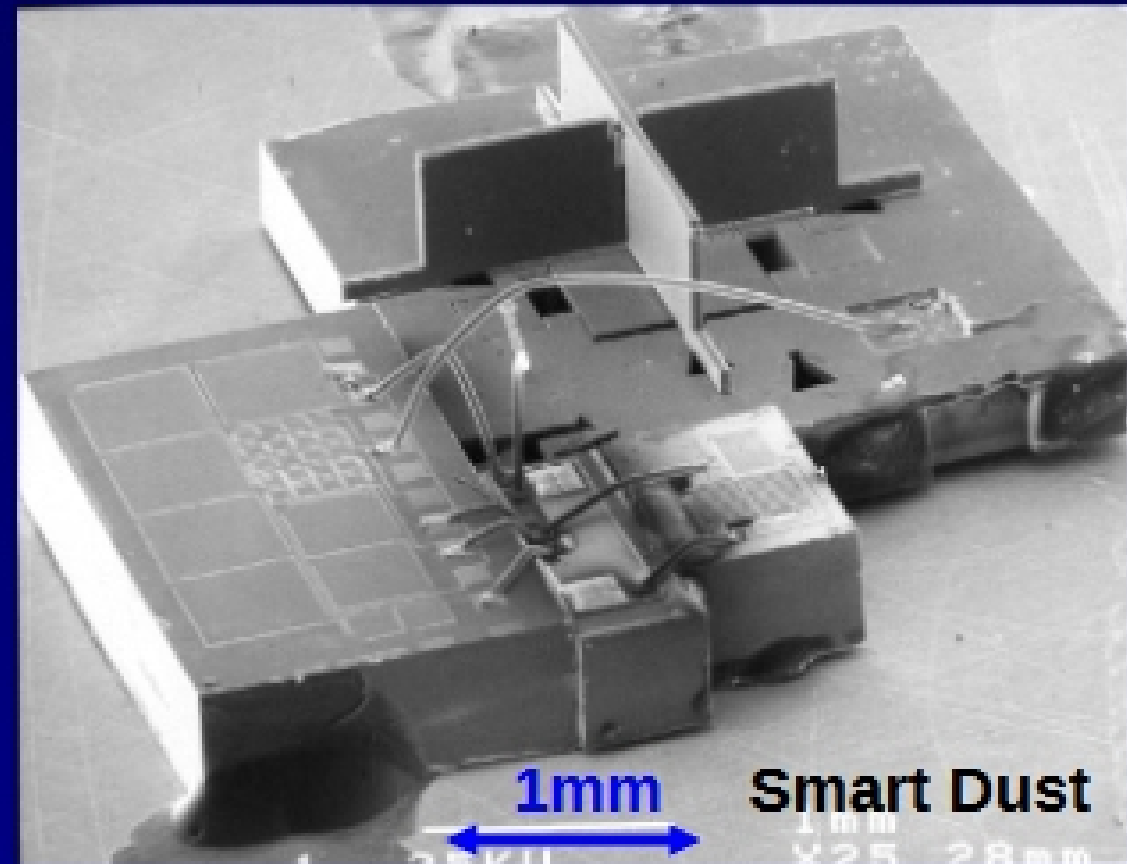

System Architecture Directions for Networked Sensors (*J. Hill, et al*)

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EE249 Discussion Section

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What are Networked Sensors?



- Cheap, plentiful, low-power, small, communication-enabled (radio, optical, etc)

Networked Sensor Characteristics

- Small physical size and low power consumption
- Concurrency Intensive Operation
 - sensing data, forwarding packets, etc.
- Limited Physical Parallelism and Controller Hierarchy
 - can't have one processor per sensor
- Diversity in Design and Usage
 - modular components allow for application specific design
- Robust Operation
 - numerous and unattended