Integrated sensors

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Monday, 6 February 2012, 11 am - 12.15 pm
Lecture Hall 144
Light lunch will be served

Over the past few years, we have witnessed a significant increase in research on biological systems by engineers for environmental and biomedical diagnostics. Despite efforts to develop chips for biological assay detection, there continues to be a need to improve implementations of micro-scale detection and processing systems for further convenience, scaling and portability. We will present the design and implementation of monolithic and hybrid sensors using integrated circuits, particularly in CMOS.

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