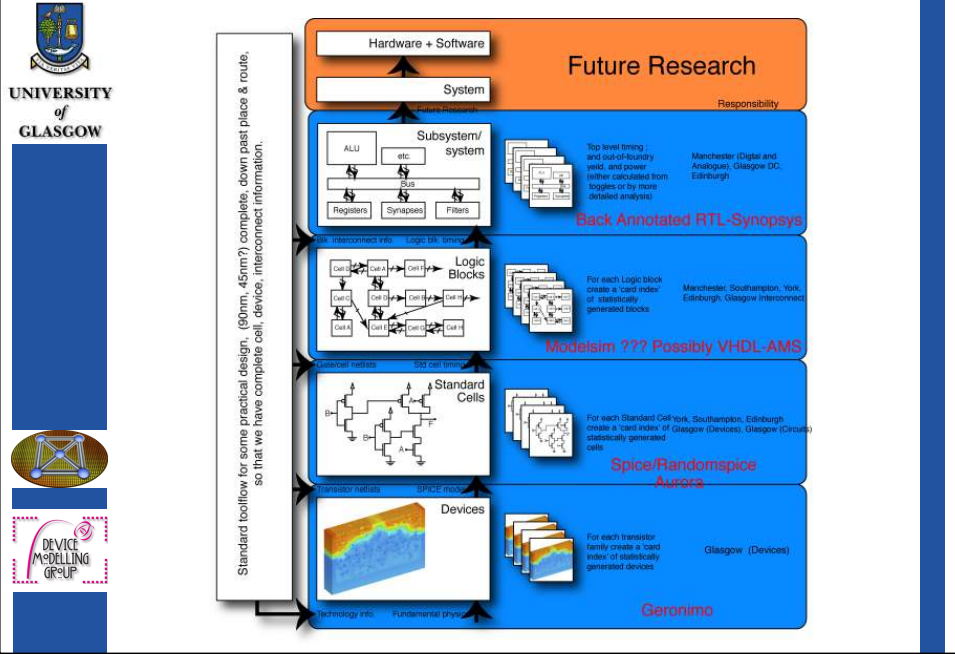
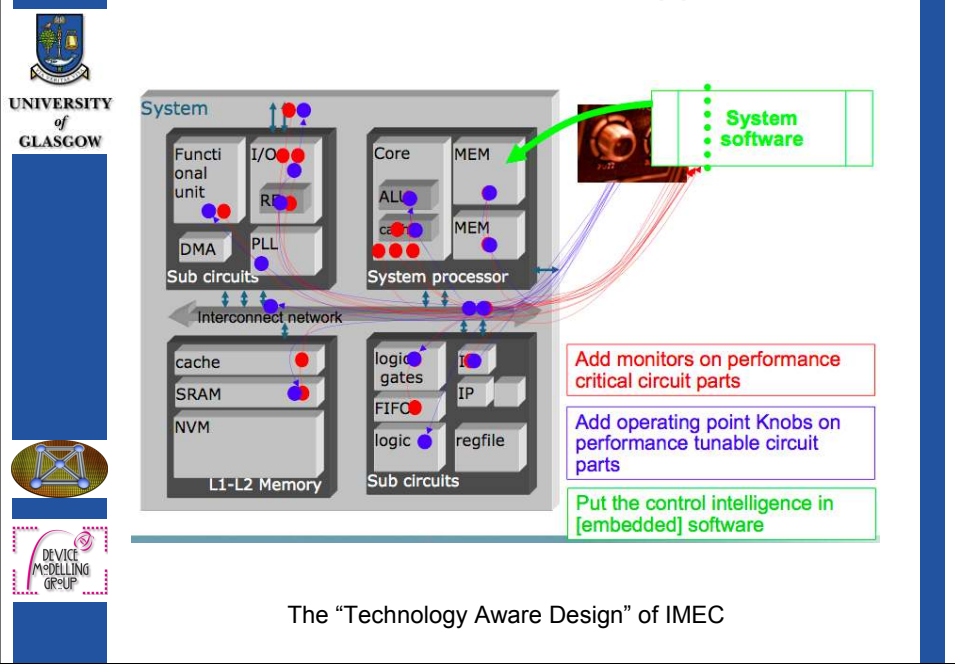


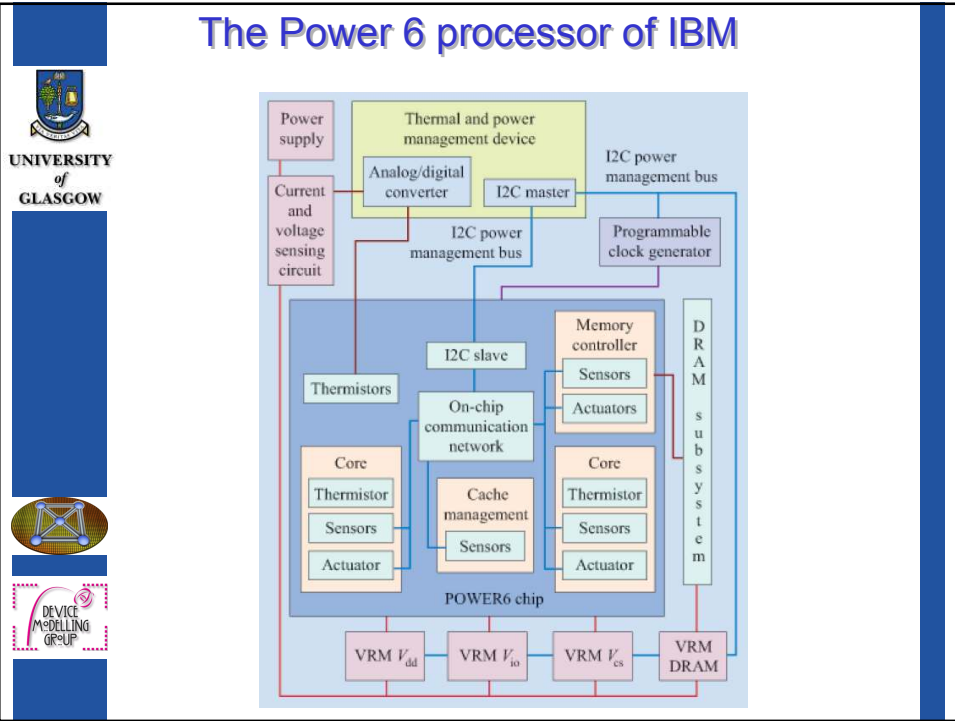
# NanoCMOS: Grid based statistical simulation



# The monitors and knobs approach



The "Technology Aware Design" of IMEC



## CMOS variability research in Europe ESSDERC/ESSIRC 2008 Workshop

**UNIVERSITY of GLASGOW**

**REALITY:** Reliable and variability tolerant system on a chip design in More-Moore technologies (EU FP7)  
B. Dierickx, IMEC

**NanoCMOS:** Meeting the design challenges of the nano-CMOS electronics (UK EPSRC), A. Asenov, GU

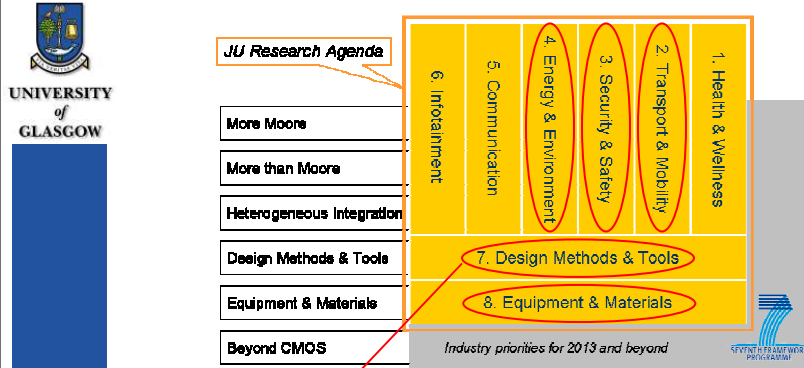
**PULLNANO:** Pulling the limits of the nano CMOS Electronics (EU FP6), H. Maes

**NANOSIL:** Silicon-based nanostructures and nanodevices for long term nanoelectronics applications (EU FP7), R. Clerc

**NanoMat:** Meeting the material challenges of the nano CMOS electronics (UK EPSRC), A. Shluger, UCL

**DEVICES MODELLING GROUP**

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Device, circuit, and system variability and reliability.  
Hardware/software model driven hi-level  
synthesis/flow/reuse/design.  
**€30M**

