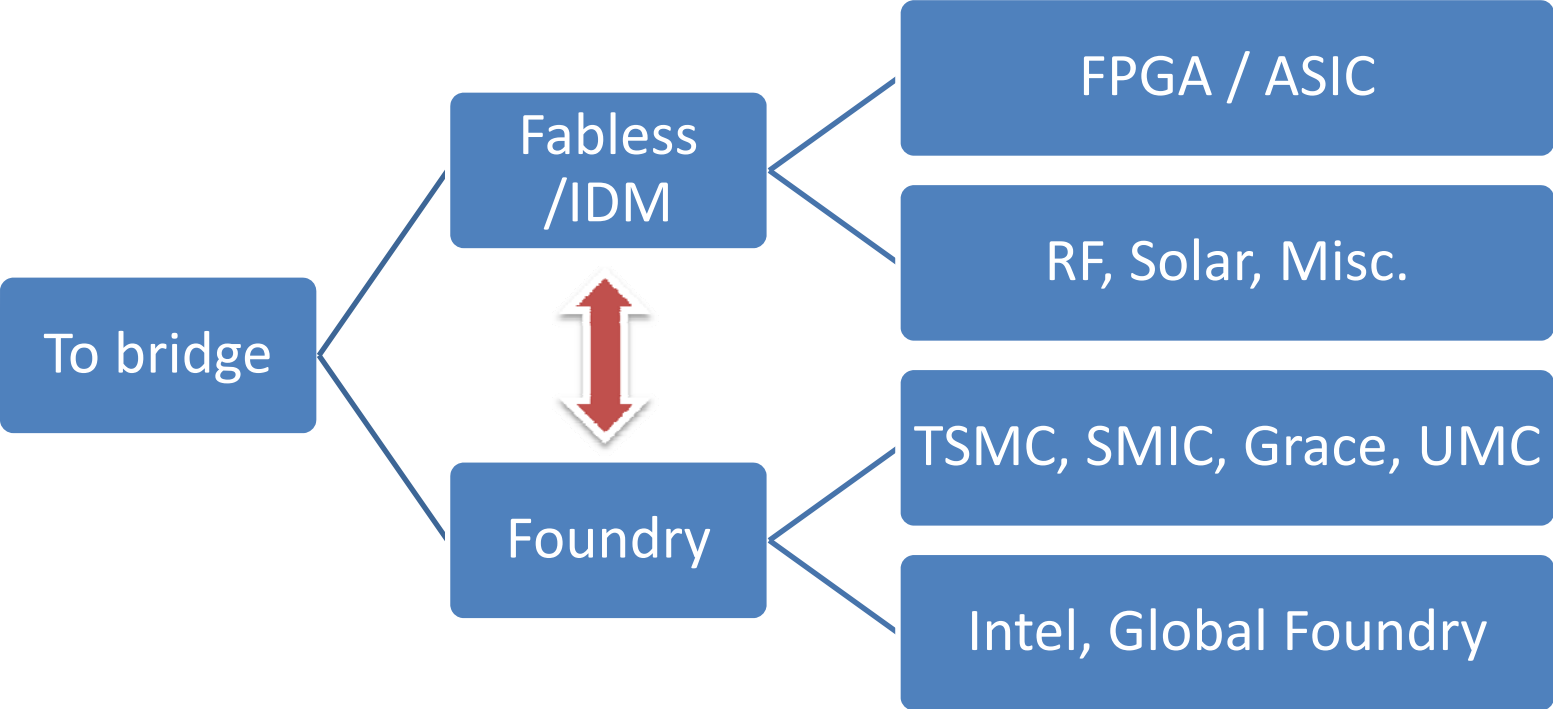


APEXPROMOTION

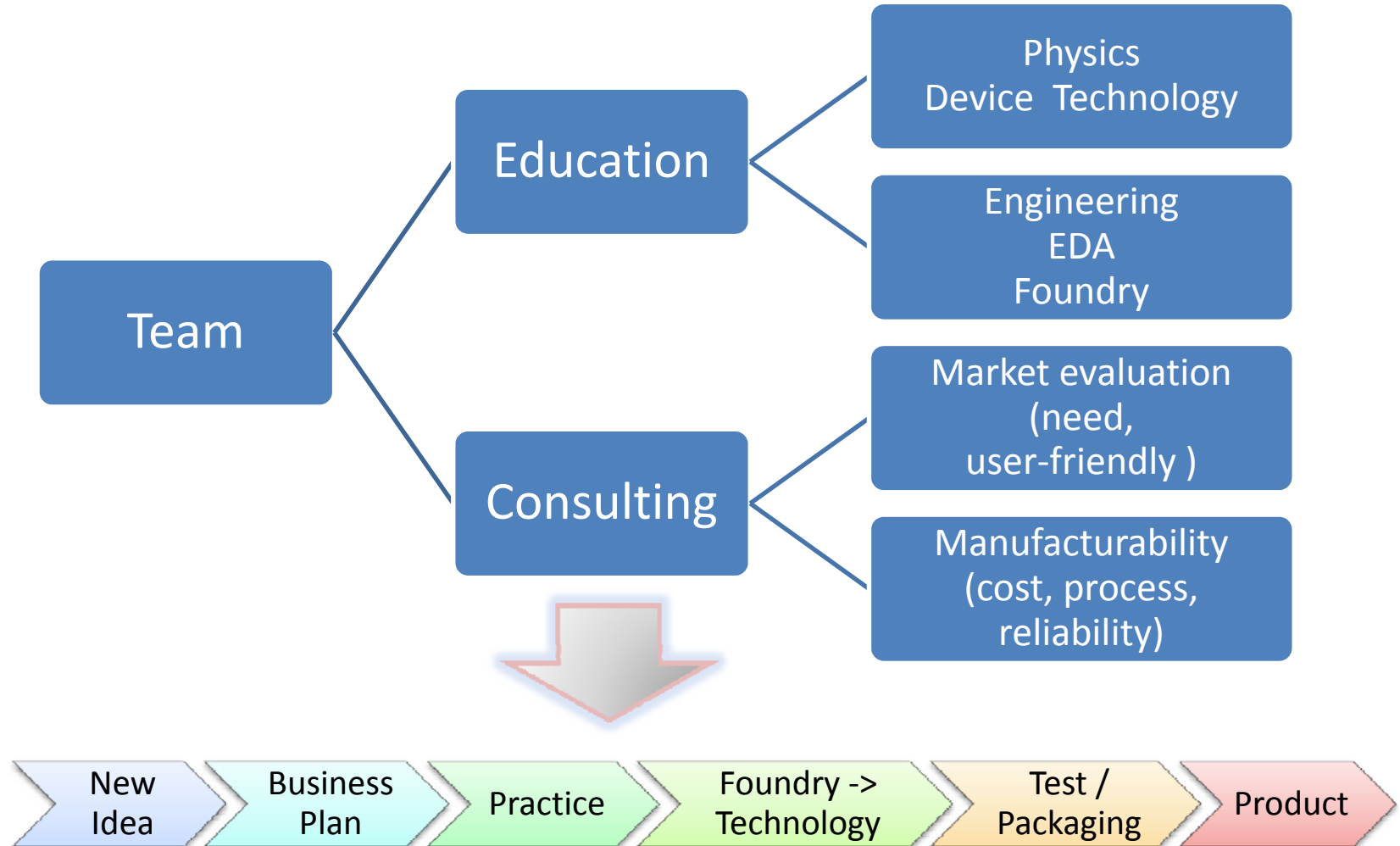
APEX Semiconductor Consulting

Mission



“Matchmaker” of the two big Semiconductor families

Two Services

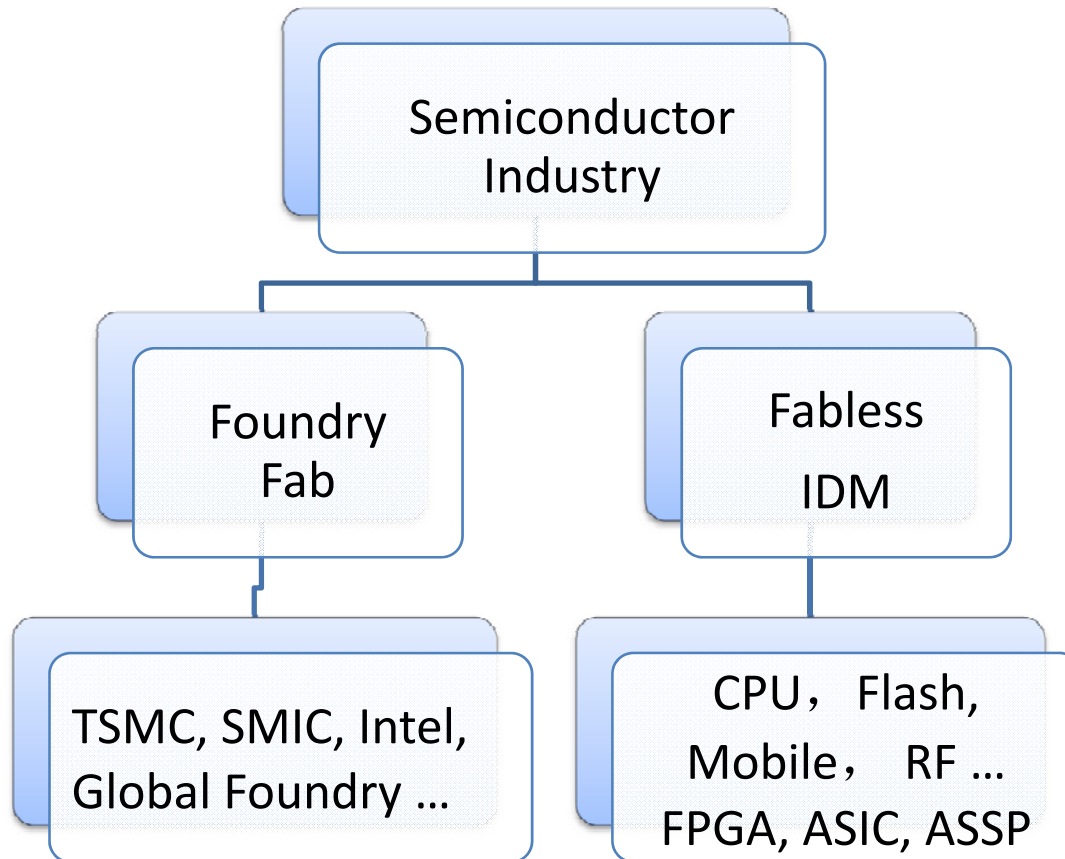


Jobs and knowledge on Semiconductor / IC Industry

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IC Engineering



IDM, fabless

SoC of ...

FPGA-Field Programmable Gate Array

CPLD-Complex Programmable Logic Device

ASSP, ASIC, IP

FLASH, SRAM, Anti-FUSE

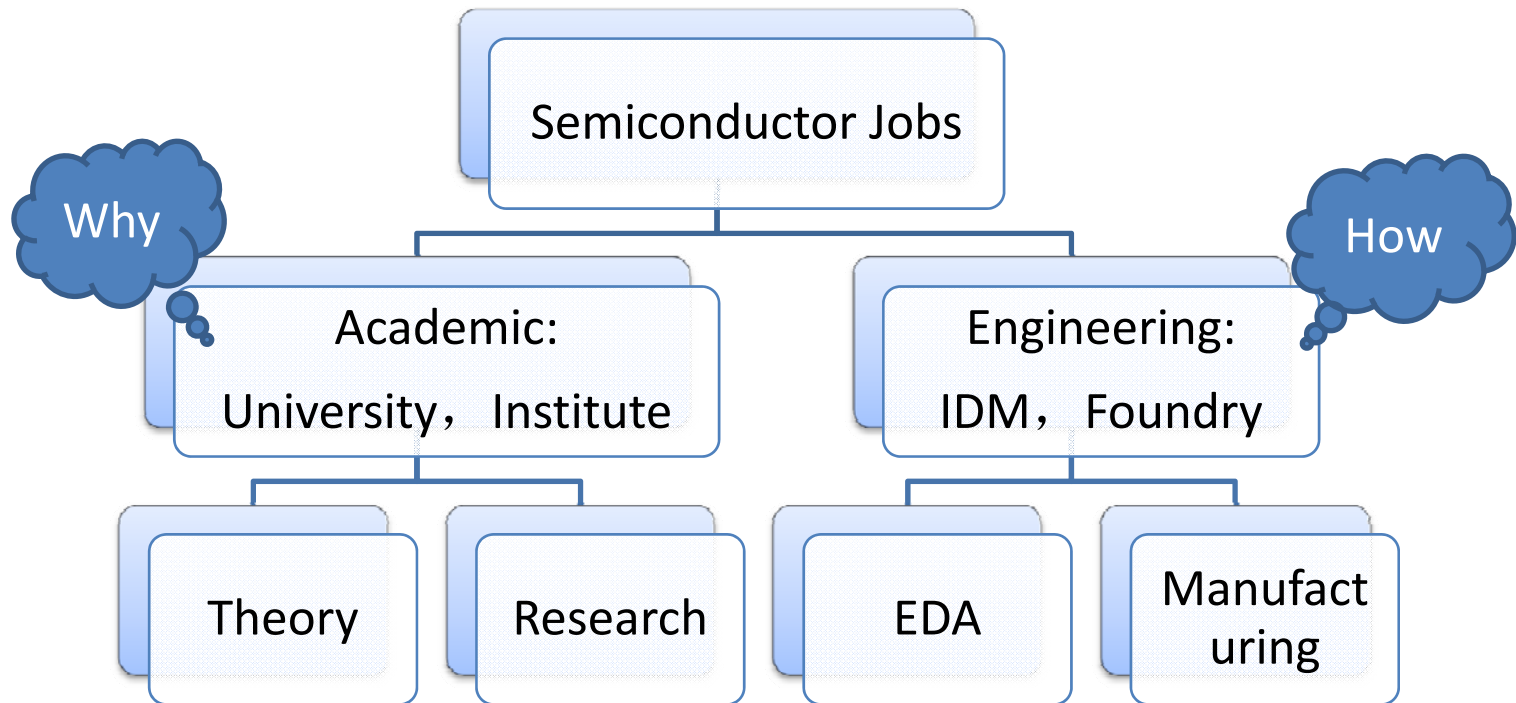
Wireless, Radio frequency (RF) and analog mixed-signal (AMS)

A/Ds, DSP (Digital Signal Processing)

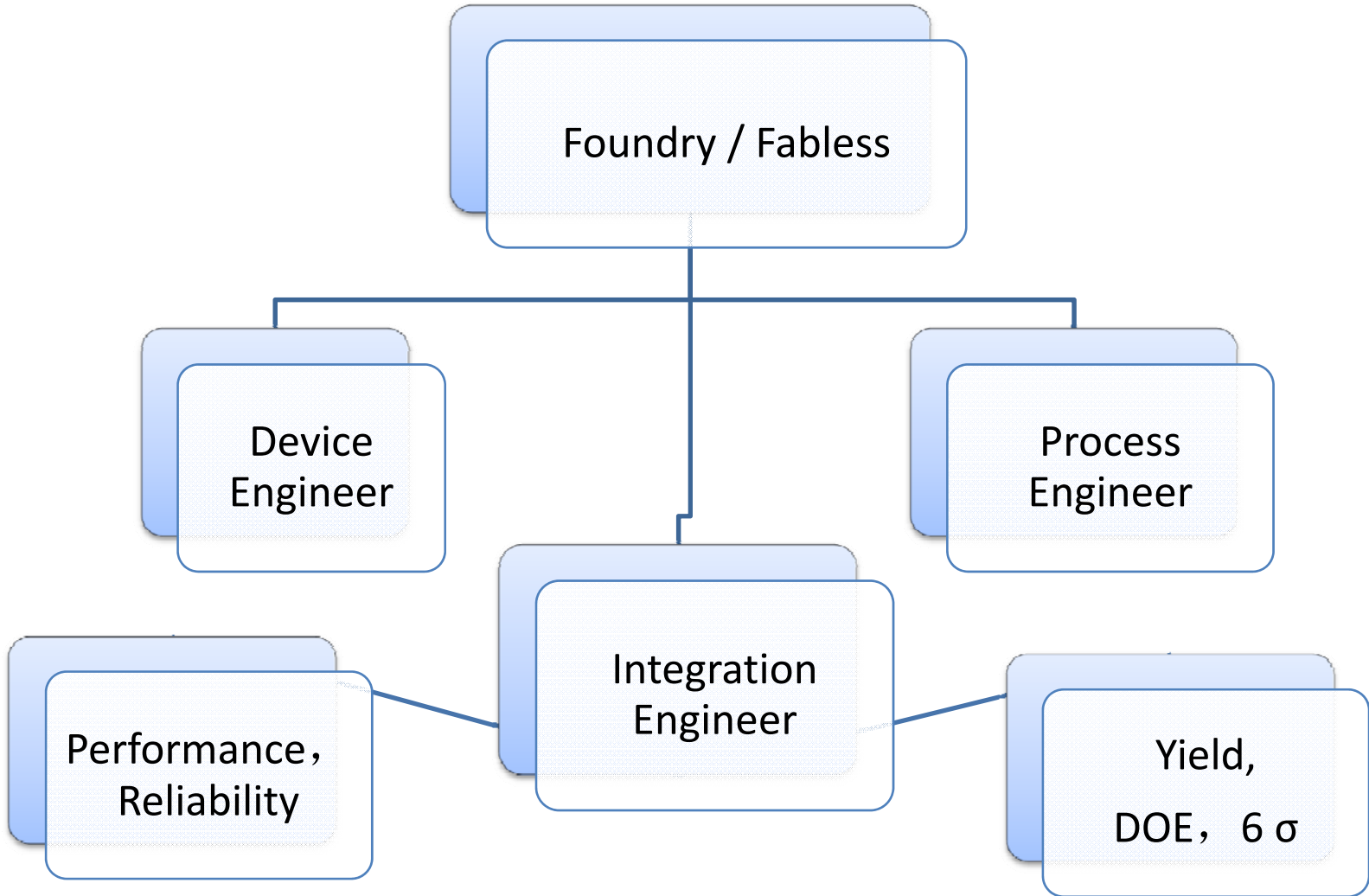
Mini microprocessors, RISC, ARM, MIPS

- Faster time-to-market
- Low NRE (Non Recurring Expenses)
- No or shared layout, masks or other manufacturing steps

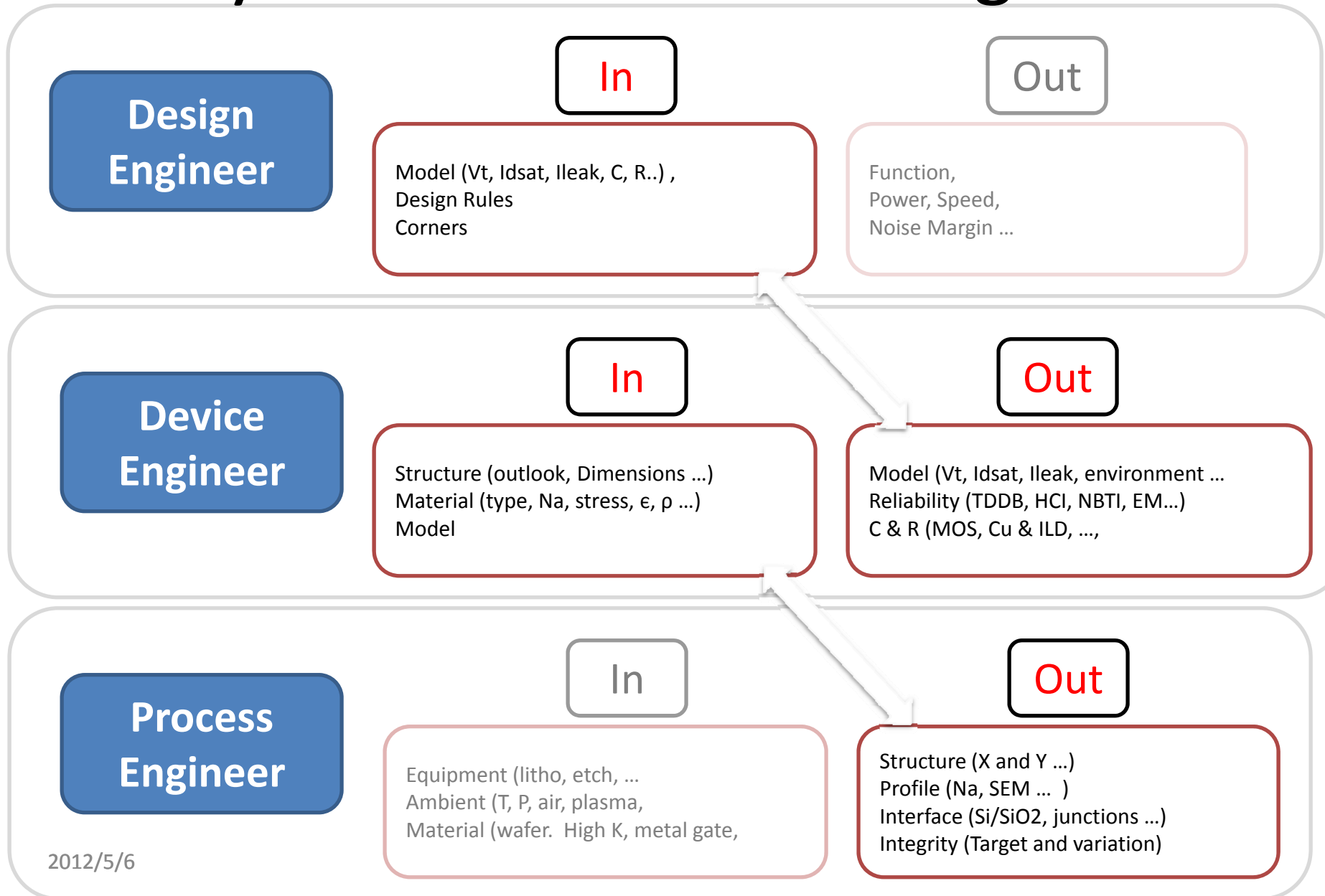
Academic and Engineering



IC Jobs



Duty Matrix of 3 Basic Engineers



Samples Slides

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Chart1: Tree of Information Technology

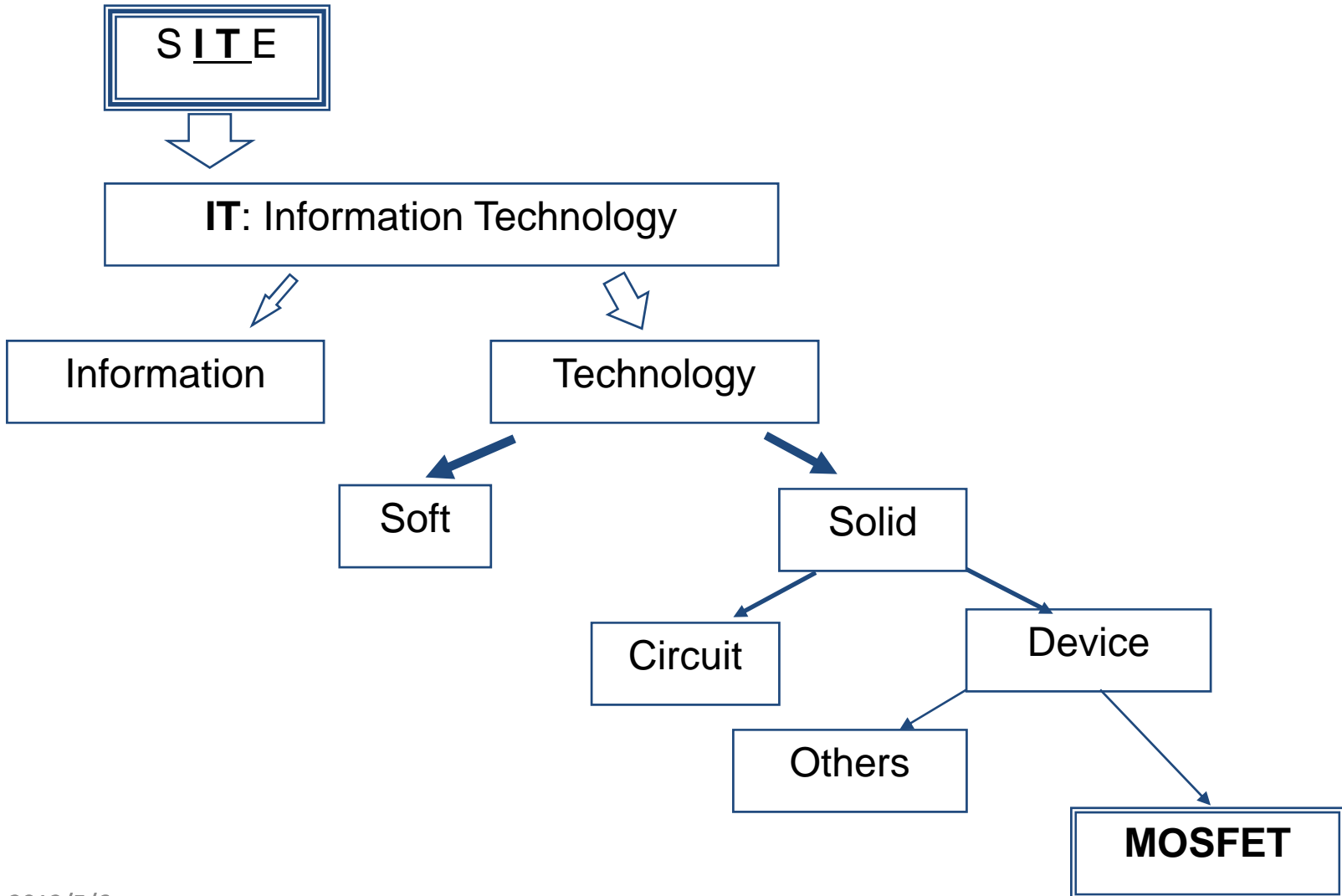


Chart2: Virtually Fabricated SOI MOSFET (by SUPREM)

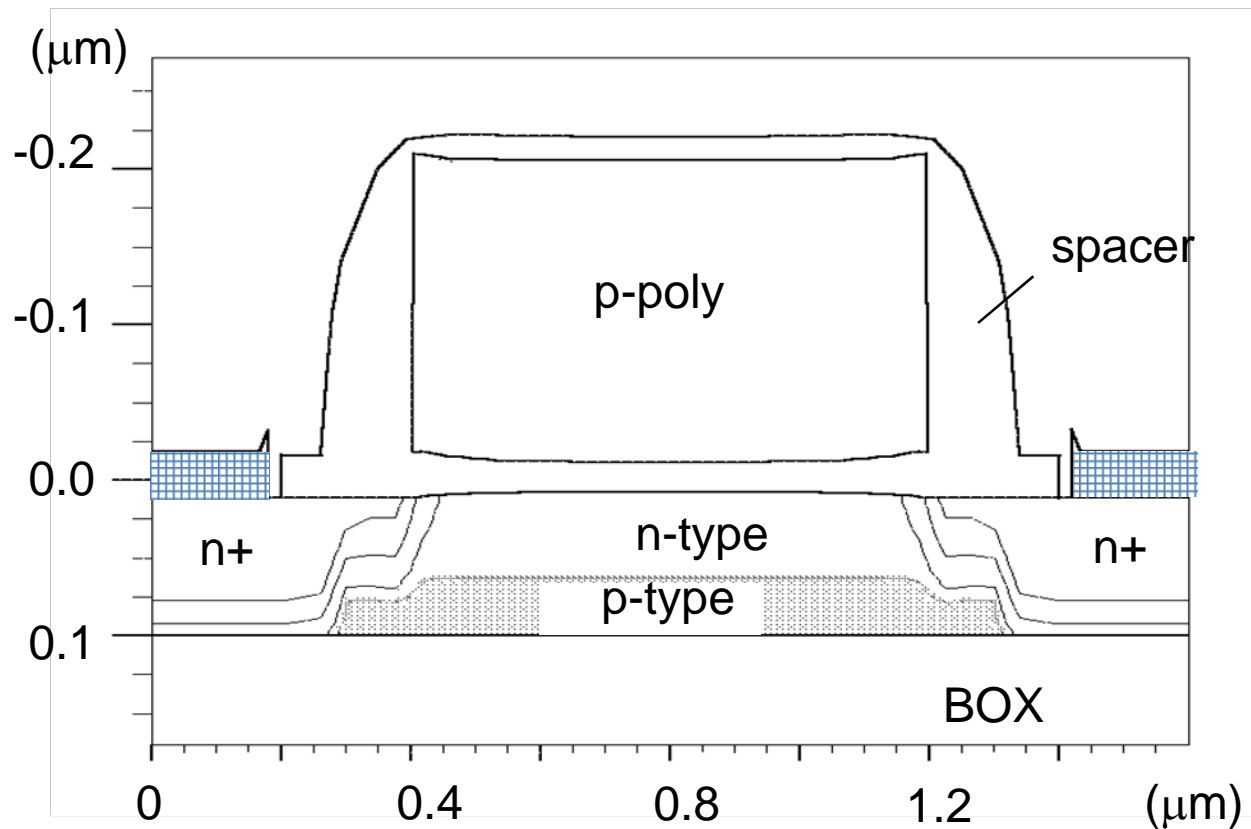
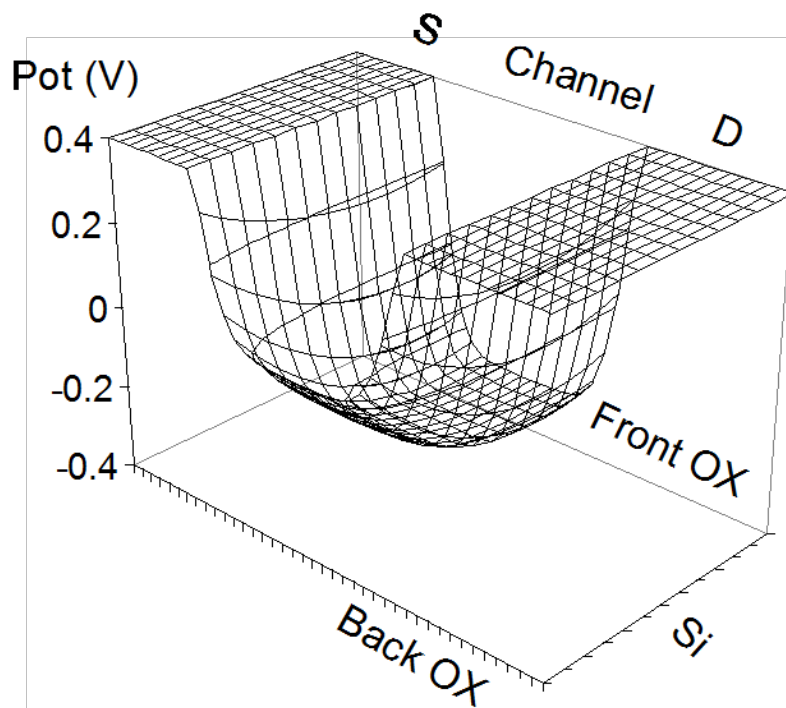
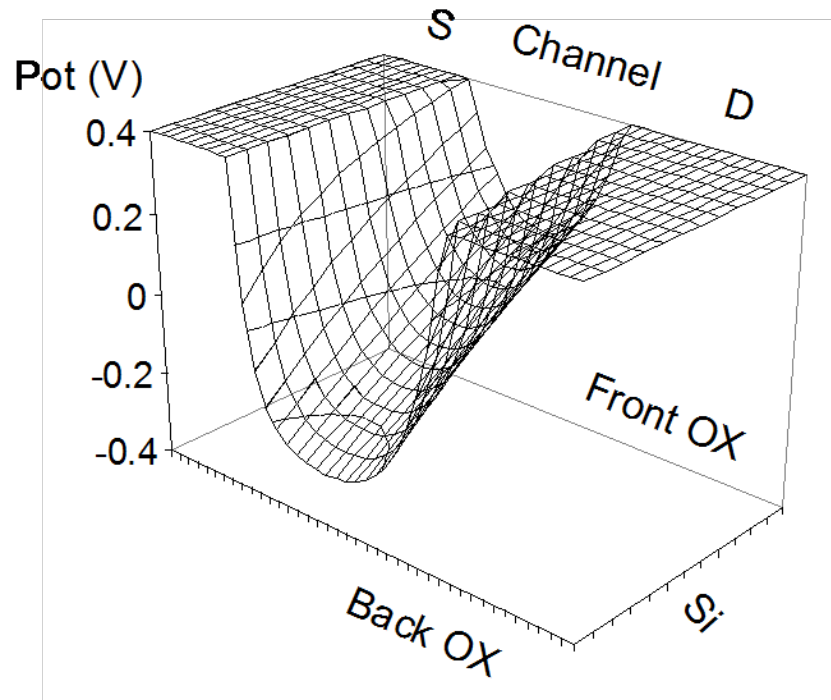


Chart3: Simulation: Φ Profile of SOI MOSFET



Inversion Mode



Accumulation Mode