On-Chip Electromagnetics Lab

Mission: Develop electromagnetic solutions for future high-speed IC design across digital, analogue, RF, and mixed-signal technologies. Advance the frontier of both electromagnetics and high-speed VLSI circuits.

Equipment list: The lab currently is equipped with the following high-performance servers:
- One Sun Fire V40z AMD Opteron Server
  32GB memory, 4 AMD Opteron 852 CPUs
- One IBM system x3550
  32GB memory, 2 Intel Woodcrest dual core processors
- Three Dell’s PowerEdge 6950s (Sponsored by ONR)
  64GB memory, 4 dual-core 8222SE AMD Opteron processors
- Thirteen Dell 1950 Servers,
  32GB memory, two Quad-Core Intel Xeon 5300 sequence processors running at 2.66GHz;
The lab is also equipped with 10 Pentium4 PCs, a variety of software, and two networked laser printers.

Location: EE 344

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