PROFESSORS

**Menyuk, Curtis**  
University of California Los Angeles; Computational and theoretical modeling of optical and electronic systems, Short-pulse laser systems, Nonlinear optics, Optical fiber communications systems, Optical fiber technology, high-performance clocks and oscillators.

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PhD, Massachusetts Institute of Technology; Information Assurance, Superconducting Electronics, Digital Signal Processing, Coding Theory, Antennas.

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Ph.D., University of Massachusetts, Amherst; Mobile and high-performance computer networks; computer arithmetic algorithms and their VLSI implementations; signal processing; neural networks, their applications and efficient implementations; digital and analog VLSI design; and CAD.

**Younis, Mohamed**  
Ph.D., New Jersey Institute of Technology; Fault-tolerant computing, operating systems, real-time systems, distributed systems, embedded computer systems, compile-time analysis, engineering of complex computer systems, programming languages, systems integration, reliability modeling, analysis and formal methods in software engineering.

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Ph.D., University of Maryland, Baltimore County; VLSI design and test.

**Tinoosh Mohsenin**  
Ph.D., University of California, Davis, 2010. Algorithms, architectures and VLSI design for high performance and energy-efficient computation that support communication, signal processing and biomedical applications.

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PhD, Georgia Institute of Technology; analog and mixed-signal VLSI; CMOS image sensors; programmable and reconfigurable circuits; sensor interfacing and networking; image processing; real-time, mixed-mode signal processing; biologically-inspired systems; information theory; and computer-aided design and analysis of complex mixed-signal processing systems.
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