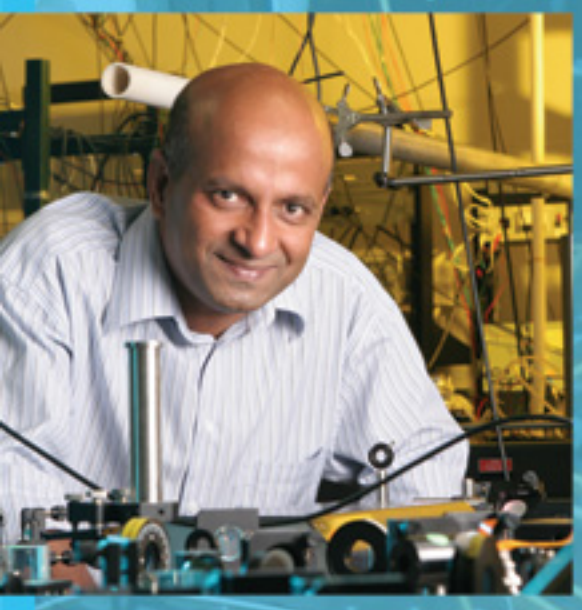


Communications and Data Networks
Information Theory, Sensor/Wireless Networks

Signal Processing
Speech, Audio, Image, Video, Biomedical

Control
Nonlinear, Robust, and Stochastic

Electromagnetics and Photonics
E&M Simulation, Biophotonics, Fiber-Optic Systems

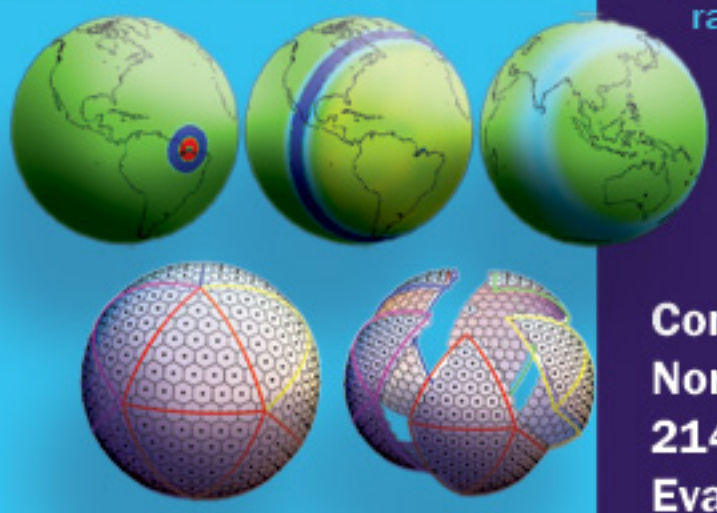
Quantum and Nonlinear Optics
Quantum Light, Quantum Computing, Cryptography

Photonic Devices
Semiconductor Lasers & Detectors, Integration, Materials Growth

Nanophotonics
Microcavity, Photonic Bandgap, Near-Field Optics

Electrical Engineering AT Northwestern

MS & PhD Degrees



The Electrical Engineering graduate program at Northwestern focuses on the research and application of electronic and photonic technologies for generating, communicating, and processing information. The EE curriculum includes a wide range of courses in electronic circuits, solid-state electronics, electromagnetics, photonics, lasers, quantum optics, controls, digital signal processing, communications, and networks.

Electrical Engineering &
Computer Science Department
Northwestern University
2145 Sheridan road
Evanston IL 60208-3118 USA
www.eecs.northwestern.edu

McCormick

Robert R. McCormick
School of Engineering
and Applied Science