Prof. Finelli conducts research in engineering education, and she currently studies student resistance to active learning, faculty adoption of evidence-based teaching practices, and institutional change. Most recently, she was Director of the Center for Research and Learning in Engineering at Michigan. Prior to joining U-M in 2003, Cindy served as Founding Director of the Center for Excellence in Teaching and Learning, Richard L. Terrell Professor of Excellence in Teaching, and Associate Professor of Electrical Engineering at Kettering University. She is a fellow of the American Society of Engineering Education.

Prof. Finelli joined the faculty September, 2015.
Ehsan Afshari
Associate Professor
PhD, Electrical Engineering, 2006
California Institute of Technology

Prof. Afshari conducts research in the area of high frequency (mm-wave and terahertz) circuits and systems for imaging, bio-sensing, and high data rate communication. He also works on low noise RF systems, non-Boolean image processing, and spin-based circuits. Ehsan currently directs the Ultra-high-speed Nonlinear Integrated Circuit lab at Cornell University. He received an NSF CAREER Award, a DARPA Young Faculty Award, and a Cornell Excellence in Teaching award.

Prof. Afshari will join the faculty September, 2016.

Al-Thaddeus Avestruz
Assistant Professor
PhD, Electrical Engineering, 2015
Massachusetts Institute of Technology

Prof. Avestruz specializes in the area of high performance power electronics, with complementary interests in circuits and systems for sensing, electromagnetic systems, feedback and controls, renewable energy, automotive applications, biomedical devices, and wireless power transfer technology. He is author of 7 U.S. patents. Al-Thaddeus has more than a decade of industry and entrepreneurial experience. Before coming to Michigan, he was a member of the Laboratory for Electromagnetic and Electronic Systems at MIT.

Prof. Avestruz joined the faculty January, 2016.

Parag B. Deotare
Assistant Professor
PhD, Electrical Engineering, 2012
Harvard University

Prof. Deotare’s research interest lies in understanding and engineering light-matter interaction in nanoscale systems to develop low energy photonic and excitonic devices for applications in data communication and life sciences. His background broadly spans the area of nanophotonics, excitonics, molecular solids, spectroscopy and nanofabrication. Before coming to Michigan, Parag was a postdoctoral researcher working with Prof. Vladimir Bulovic at the Organic and Nanostructured Electronics Laboratory at MIT.

Prof. Deotare joined the faculty January, 2016.