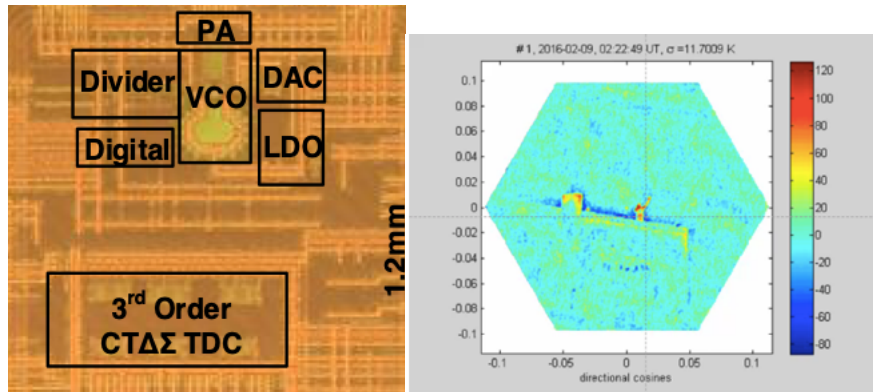


EECS 598 (Section 15): Advanced Analog and Mixed Signal Circuits

Winter 2019
TuTh 1PM-3PM



Instructor: Michael Flynn

This 4-credit special-topics course will deal with advanced topics in analog and mixed-signal circuit design, beyond what is covered in EECS 511 and EECS 522. Topics include PLLs, serial links, filtering, mixed-signal computation and machine learning, as well as some material on data-conversion and power management. The course will be a mixture of faculty and student instruction. During the course, students will review present state-of-the-art material from journal and conference papers. There will also be guest lectures from industry experts.

There will be a small number of graded homeworks and CAD assignments. Students will also be graded on the in-class presentations and the follow-on review papers.

EECS 413, or an equivalent, is a required pre-requisite.