



Fall 2014 Physics Colloquium

Wednesday, November 19, 3:00-4:50pm, Boggs 104

Eric Weinhoffer

Hardware Engineer

Other Machine Co., San Francisco, CA

Sophisticated Yet Accessible: Building Desktop Manufacturing Tools for Everyone

What does it take to create a portable, desktop-friendly CNC mill for the masses? There's a reason why many Kickstarter projects ship months later than they're supposed to - engineering a high-quality hardware product is extremely challenging and time-consuming. Other Machine Co. Hardware Engineer Eric Weinhoffer will discuss the importance of staying in touch with fabrication processes during the design phase, the challenges of scaling from prototype to product, and how to prepare for the inevitable problems that mass manufacturing will reveal.

Eric has worked at small hardware companies before Other Machine Co., including 3D Printer manufacturer MakerBot Industries. He started a Maker Faire in Atlanta to celebrate the DIY culture, developed products for Maker Media, and spent two years growing a student-run machine shop during his time at Georgia Tech. He will talk about how working at small companies has benefited him, how you can set yourself apart to be more appealing to a potential employer in your field, and be successful in your career.

Co-sponsored by Tulane's IEEE Student Chapter and IEEE Computer Society