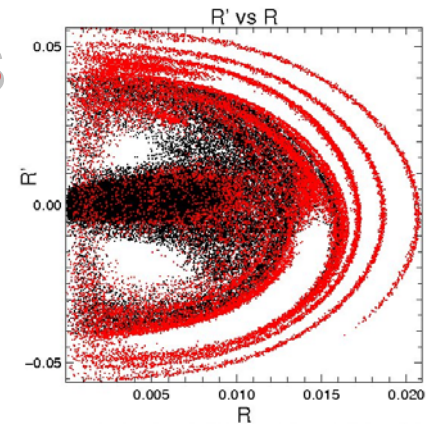


ENEE 686: Charged Particle Dynamics

FALL 2009: TTh 12:30–1:45 PM

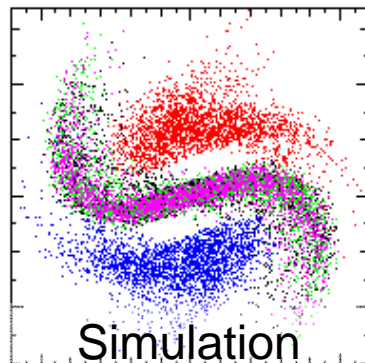
Prof. Rami Kishek
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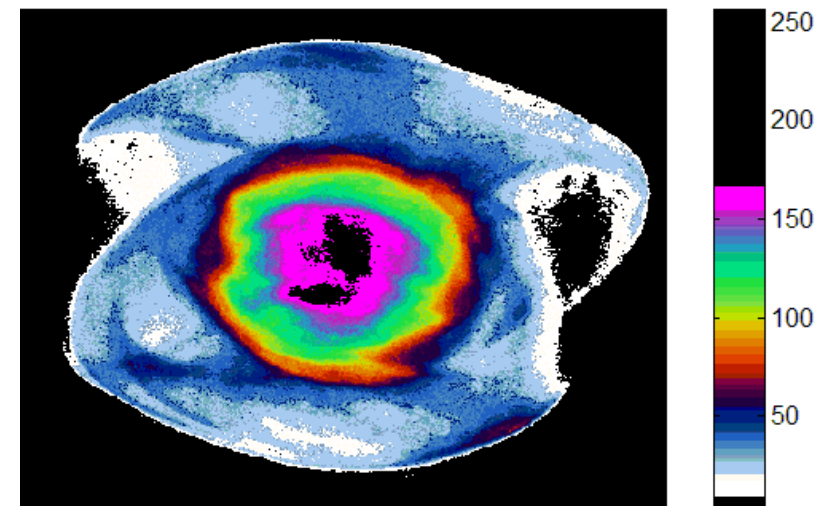
Charged particle beams are complex nonlinear systems that have important applications in [physics](#), [biosciences](#), [medicine](#), and [nanotechnology](#).

This course introduces the basic dynamics of beams. Learn about:

- design of accelerators
- theoretical models
- beam diagnostics
- computational techniques



**3 Credits!
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Prerequisites: Graduate-level Electromagnetism