

Advancing the Limits of Molecular Imaging



Explore The Possibilities With Magnetic Particle Imaging

Join us for a presentation on the newest molecular imaging technology since PET. The team from Magnetic Insight will present on the basics of MPI and application data providing unique solutions in:

- Cell Tracking Models
- Localized Hyperthermic & Theranostic Imaging
- Functional Vascular Imaging

Magnetic Particle Imaging (MPI) is a unique, ultra-sensitive, high resolution molecular imaging approach that longitudinally detects nanoparticles regardless of depth. MPI harnesses the flexibility of iron oxide nanoparticles to label cells, as targeted probes, or freely flowing through the vasculature.

Time/Date: 2-3:30pm / Tuesday September 22, 2015

Location: Bldg 75 Conference Room

Hosted By: Anna Moore PhD and Larry Wald PhD

Presenter:

Dr. Patrick Goodwill, CTO of Magnetic Insight led the development team in Magnetic Particle Imaging at UC Berkeley. In his role, he has designed and built numerous prototype MPI scanners, and developed the x-space reconstruction systems theory that enables quantitative, high-quality MPI images. Dr. Goodwill has a PhD in Bioengineering from UC Berkeley, and a B.S. and M.S. in Electrical Engineering from Stanford University.



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