

# Medical Physics Seminar

## Monday, March 14, 2016

### 1345 HSLC—4:00 pm



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## **Compact 3T MRI Scanner with High Performance Gradients**

A compact 3T scanner was developed under an NIH Bioengineering Research Partnership between GE Global Research and Mayo Clinic. Gradient performance of 80 mT/m and 700 T/m/s is demonstrated with a 42-cm inner diameter gradient coil with an asymmetric design. Siting advantages are discussed, as well as countermeasures developed to address gradient non-linearity and linear concomitant fields.

**1345 Health Sciences Learning Center (HSLC) 4:00—5:00 pm**  
**UW-Madison School of Medicine and Public Health**