

Service des Accélérateurs, de Cryogénie et de Magnétisme
SÉMINAIRE

Mardi 23/06/2015, 10h00-11h00

CEA-Saclay Bat 123, p 311

**Superconducting magnet activities at MIT Francis Bitter
Magnet Laboratory : Current - Next - Future**

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Francis Bitter Magnet Laboratory (MIT)

This presentation will covers an update and summary of the current, next and pending superconducting magnet activities at the FBML.

Current activities :

1.3 GHz LTS/HTS magnet, MgB2 magnet operated in the temperature range up to 20 K, 7 T NI-MW (multi-width) GdBCO magnet.

Next (after July 2015) : LHe-free persistent-mode GdBCO coils.

Pending (after April 2016): a tabletop LHe-free, persistent-mode MgB2 magnet for osteoporosis MRI

Le cafe sera servi 10 minutes avant

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http://irfu.cea.fr/Sacm/Phoce/Vie_des_labos/Seminaires/index.php