

Abstract Submitted
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The National High magnetic Field Laboratory Pulsed Field Facility. An overview of high field magnet operations and scientific techniques¹

JON BETTS, NHMFL-PFF Los Alamos National Laboratory — The National High magnetic Field Laboratory – Pulsed Field Facility (NHMFL-PFF) is the home to the pulsed field user facility which routinely delivers 85T pulses for user science using a 1.4GW motor generator. The facility also houses a 60T shaped waveform magnet, 65T short pulse and 50T mid pulse capacitor driven magnets. Many techniques are available to users including, Transport, magnetization, calorimeter and cantilever techniques. I will describe the facilities and the measurement techniques available to users.

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Jon Betts
NHMFL-PFF Los Alamos National Laboratory

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