

Abstract Submitted  
for the MAR16 Meeting of  
The American Physical Society

**NMR in a Diamond Anvil Pressure Cell** MATTHEW LAWSON,  
Univ of California - Davis, ADAM DIOGUARDI, Los Alamos National Lab,  
SAMUEL WEIR, LLNL, BLAINE BUSH, Univ of California - Davis, MIHINDRA  
DUNUWILLE, SHANTI DEEMYAD, University of Utah, NICHLAS CURRO, Univ  
of California - Davis — We present recent advances in the use of diamond anvil pressure cells in nuclear magnetic resonance measurements. This technique allows access to new regions of the phase diagrams of iron pnictide and heavy fermion materials, and promises to allow NMR experiments under pressures not previously accessible.

Matthew Lawson  
Univ of California - Davis

Date submitted: 04 Nov 2015

Electronic form version 1.4