

Abstract Submitted
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Hot-Spot Physics and Chemistry in Energetic Materials Initiation D. DATTELBAUM, M. SHORT, S. SHEFFIELD, S. MCGRANE, C. BOLME, D. MOORE, D. HOOKS, K. RAMOS, S. JACKSON, J. MORRIS, L. STEVENS, N. VELISVLJEVIC, R. MENIKOFF, M. CAWKWELL, S. ZHAO, E. KOBER, L. PERRY, B. GLOVER, A. DATTELBAUM, B. PATTERSON, Los Alamos National Laboratory, T. SEWELL, University of Missouri — Research on a project concerning fundamental investigations on hot spot physics and chemistry in energetic materials initiation is presented. Areas covered include fabrication and characterization of microstructure controlled heterogeneous material, gas gun driven initiation experiments, chemiluminescence hot-spot imaging, laser shock experiments and molecular and mesoscale level computation and theory.

M. Short
LANL

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