

Abstract Submitted
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MRFM System Design for the Study of Organic Materials DO-
RAN SMITH, DAVID KIM, U.S. Army Research Laboratory — We will present an
overview of our program to develop an MRFM system specialized for the study of
organic materials at 4 K. The system uses the SPAM geometry and the CERMIT
protocol and is predicted to be capable of imaging organic materials in 3D. The
MRFM probe head design will be overviewed and progress toward system comple-
tion will be discussed.

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