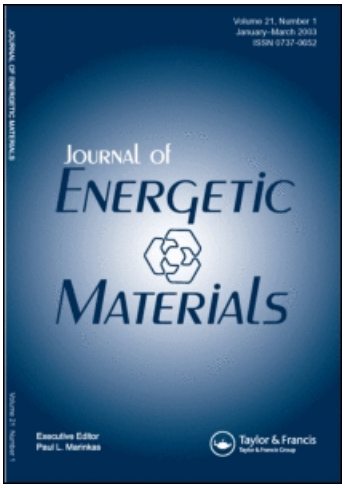

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Foreword

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Foreword

Issues No. 2–4, Volume 24 of the ***Journal of Energetic Materials***

Issues No. 2–4 of Volume 24 (2006) will be devoted to papers principally compiled from the Proceedings of the presentations before the Energetics Materials Group of the American Institute of Chemical Engineers at various national meetings.

The manuscripts are all products of the Department of Defense funding to the Highly Filled Materials Institute of the Stevens Institute of Technology through the US Army Armament Research, Development and Engineering Center (ARDEC), the Office of Naval Research (ONR), the Strategic Defense Initiative Organization, Innovative Science and Technology Office (SDIO/IST), the Defense Advanced Research Projects Agency (DARPA), the Naval Surface Warfare Center at Indian Head, Maryland (NSWC/IH) and various Defense Contractors.

This unusual collection of papers covers a broad spectrum of activities, starting from the formation of energetic crystals (Issue No. 2), to the flow and deformation behavior of energetic gels and suspensions (Issue No. 3) and the processing of various energetic formulations (Issue No. 4). The contributions will demonstrate the utility of science-based manufacturing and rigorous mathematical modeling, and will describe methods to validate models of particle formation, rheology, and continuous processing.

The inspiration for most of the research results to be reported has been the foresight and nurturing of Dr. Richard S. Miller of the Office of Naval Research, whom we have recently lost. Dick was a ''National Resource and Treasure,''

and his wise counsel and friendship will be greatly missed. These three issues are dedicated to his memory.

Hoboken, New Jersey
February 18, 2006

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