Preface

The special issue on Energetic Materials and Processes brings together scientists from many countries working in universities, research institutes, government laboratories and private industry to discuss state-of-the-art research on new materials and processes for different applications. The main topics of the issue include synthesis of new materials, performance, advanced diagnostics, experimental techniques, theoretical approaches, and computational models for simulating the behaviour of energetic materials under a wide variety of conditions. The issue is a platform for presenting cutting edge fundamental research in chemistry and physics of materials and processes associated with fast chemical processes, frontal high energy reactions, supersonic reactions, ageing, thermal decomposition and mechanical damage of energetics, as well as utilisation and safety of energetic materials, new materials for anti-terroristic activity, new materials for space transportation systems, new technologies of energetic materials in medicine, forensic, mining and civil engineering..

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