

# ZEL'DOVICH MEMORIAL

## *Accomplishments in the Combustion Science in the Last Decade*

VOLUME 2

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This book is a collection of 49 revised, edited, and formatted condensed manuscripts written by international experts based on oral and poster presentations at the 3rd International Conference on Combustion and Detonation, dedicated to the memory of Academician Ya. B. Zel'dovich (Zel'dovich Memorial-III), held in Moscow, Russia, October 27–31, 2014. The contents of the book include recent worldwide accomplishments in fundamental and applied studies on combustion and detonations in gases, solids, sprays, and hybrid reactive media, as well as various hydrodynamic phenomena at extreme states of the matter. The volume is addressed to practicing engineers, research scientists working in the field of combustion and explosion, experts in fire protection and safety, and can serve as a reference book for graduate studies in combustion science and technology.

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