

The International Workshop on Advances in Nanomaterials, held in Măgurele - Bucharest, September 17-19, 2018, was mainly focused on (i) Low dimensional systems and heterojunctions, (ii) Size effects, quantum dots and nanomagnetism, (iii) Spintronics and multifunctionality, and (iv) Photovoltaics, photocatalysis and photonics. It put together researchers with different profiles - experimental, theoretical and computational physicists, chemists and engineers - providing an excellent opportunity for disseminating of the newest research results and preparation of new scientific projects. A number of their presentations, sometimes with minor modifications, are collected in this volume.

The workshop was organized by the National Institute of Materials Physics (NIMP) with its International Center for Training and Advanced Research (Centre International de Formation et Recherche Avancee - CIFRA), by the Physics Department of the University of Bucharest and by the UNESCO Chair of the Horia Hulubei Foundation. Its main sponsors were ICTP Trieste and NIPM.



Editura Horia Hulubei



ISBN: 978-606-94603-6-8

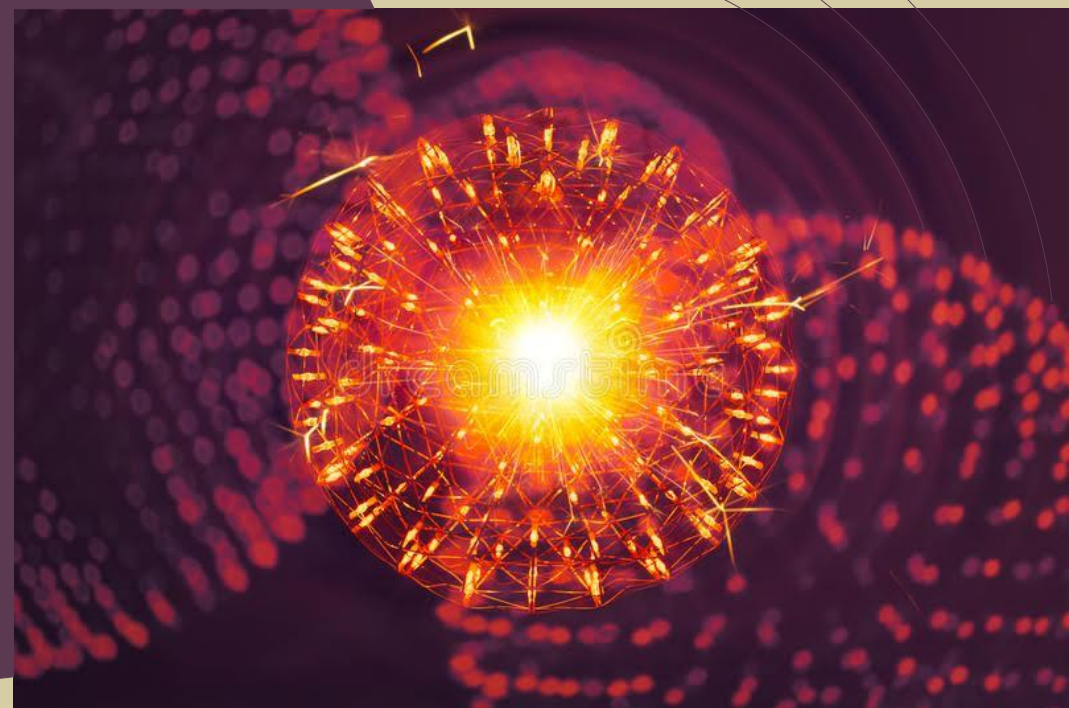
Nanomaterials

of the International Workshop on Advances in

Proceedings

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September 17-19, 2018



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