

Special Issue “ITMO University Young Scientists Recent Research Results”

PREFACE

This special issue of RAMT Magazine presents selected topics of the research made by young scientists at ITMO University. Young scientists from ITMO University and other educational and academic institutions in Russia have a possibility to present their results at the regular Congress of Young Scientists – the event that has been held at ITMO University since 2004. For example, Anniversary X Congress of Young Scientists in 2021 has attracted more than 2000 researchers from 60 cities of Russia, who gave reports in 65 independent panel sessions.

For the special issue of RAMT Magazine, we have selected the materials already reported / prepared by PhD students of Institute of Advanced Data Transfer Systems of ITMO University at / for Congresses of Young Scientists. The selection was dictated by general scopes of RAMT Magazine. The readers will find the results of fundamental and applied studies of the physical and mechanical properties of nanostructured materials, films, photonics materials, and opto-electronic devices. We hope that the collection will be of interest to both mature researchers and beginners working in the field of nanotechnologies and engineering.

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