

## Preface

The International Scientific Workshop *Structure and Properties of Metals at Different Energy Effects and Treatment Technologies* is devoted to the 80<sup>th</sup> anniversary of Professor E.V. Kozlov, the prominent scientist known both in Russia and abroad. His scope of research includes physics of phase transition, plasticity and strength of metals and alloys. The Workshop is held at Tomsk State University of Architecture and Building between 29 and 30 September, 2014.

The Proceedings deal with material physics and include selected scientific reports presented at the workshop. Such problems as phase transformations in steels and alloys under different power effects, defect accumulation and substructure evolution at plastic deformation of various materials including nanomaterials obtained by the intensive deformation techniques are considered in these papers. Also, results of modeling plastic deformation are widely presented as well as the problems of creating advanced materials used both under normal conditions and high power effects.

All scientific reports presented in these proceedings were thoroughly reviewed and approved by editors of the Workshop.

The Workshop Organizing Committee gratefully acknowledges all the participants for their personal contribution to these Proceedings.

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