Preface

This collection of scientific papers is prepared as the event of the National Contact Point "Secure, Clean and Efficient Energy" under the support of the Ministry of Education and Science of Ukraine. This volume is dedicated to the 120-th anniversary of the Dnipro University of Technology (former National Mining University, Dnipro, Ukraine). It is devoted to solving actual problems in materials science and processing technologies.

From 61 presented papers, 19 were selected for publication at this volume after a reviewing process. New developments in processing technologies and a wide range of actual problems in materials science are presented her including modelling, simulations, and experimental work.

The authors of the article's present countries from Europe, Asia, Africa and South America.

We believe the book will be essential reading for those in the related areas and will provide an inspiration for future studies and achievement.

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Editors:

Gennadiy Pivnyak (Dnipro University of Technology) Roman Dychkovskyi (Dnipro University of Technology) Edgar Cáceres Cabana (San Agustin National University Arequipa) Vasyl Lozynskyi (Dnipro University of Technology) Pavlo Saik (Dnipro University of Technology)