

Preface

This volume contains peer-reviewed papers presented at the 6th International Conference on Materials Science (ICMS2017) held at Khaan Jims Tourist Camp near Ulaanbaatar, Mongolia, August 18-21, 2017. The Conference was organized by the Mongolian Physical Society.

The main objective of the conference was to bring together scientists from around the world who are working in the field of materials science to exchange ideas, recent research advancements in this area, and to offer a platform for the initiation of future scientific cooperation between international scientists.

This special issue focuses on the structures, properties and applications of new materials as well as their characterization techniques. All papers were reviewed by 2-3 members of the conference scientific board and by external reviewers. After a critical screening and review, 20 papers were selected for publication in this volume.

We would like to express our special thanks to sponsors of this conference, reviewers of papers, and conference participants for making this conference successful.

Finally, we would like to thank the Trans Tech Publishing Ltd Scientific Team for helping us publish this issue of Solid State Phenomena.

Editors

Prof. Dr. Jav Davaasambuu
National University of Mongolia

Academician Jadambaa Temuujin
Mongolian Academy of Sciences

Scientific Committee

Prof. J. Davaasambuu	(National University of Mongolia, Mongolia)
Acad. J. Temuujin	(Mongolian Academy of Sciences, Mongolia)
Prof. U. Pietsch	(University of Siegen, Germany)
Prof. O. Tegus	(Inner Mongolia Normal University, People's Republic of China)
Prof. E. Shpilevsky	(National Academy of Sciences of Belarus, Republic of Belarus)
Prof. S. Bardakhanov	(Buryat State University, Russian Federation)
Prof. A. Nomoev	(Buryat State University, Russian Federation)
Prof. G. Shilagardi	(National University of Mongolia, Mongolia)
Prof. B. Burmaa	(National University of Mongolia, Mongolia)
Prof. Sh. Chadraabal	(Mongolian University of Science and Technology, Mongolia)
Acad. D. Sangaa	(Mongolian Academy of Sciences, Mongolia)
Prof. Ts. Amartaivan	(National University of Mongolia, Mongolia)
Dr. P. Altantsog	(Mongolian Academy of Sciences, Mongolia)
Dr. N. Tuvjargal	(National University of Mongolia, Mongolia)
Dr. Ts. Enkhbat	(Mongolian Physical Society, Mongolia)

Organizers

National University of Mongolia

Mongolian Physical Society

Inner Mongolia Normal University, People's Republic of China

Buryat State University, Russian Federation

Mongolian Academy of Sciences

Sponsors



National University of Mongolia



Mongolian Physical Society



Mongolian Academy of Sciences



Khaan Jims SBT Co., Ltd