Preface

On behalf of 2014 International Conference on Material Engineering and Environment Science (MEES2014) Organizing Committee, I would like to welcome you to Wuhan, China to participate in the 2014 International Conference on Material Engineering and Environment Science.

The MEES2014 is one of the leading international conferences for presenting novel and fundamental advances in the fields of material science, material physics and chemistry, environment science and ecology. The idea of the conference is for the scientists, scholars, engineers and students from the universities all around the world and the industry to present ongoing research activities, and hence to foster research relations between the universities and the industry. This conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

This volume of proceedings tends to collect the up-to-date, comprehensive and worldwide state-of-art knowledge on material physics and chemistry, material processing and manufacturing engineering, material engineering and application, environmental science and ecology. All of accepted papers were subjected to strict peer-reviewing by 2-4 expert referees. The papers have been selected for this volume because of quality and the relevance to the conference. We hope this volume will not only provide the readers a broad overview of the latest research results on material science and engineering, but also provide the readers a valuable summary and reference in these fields.

The MEES2014 would like to express our sincere appreciations to all authors for their contributions to this volume. We would like to extend our thanks to all the referees for their constructive comments on all papers; especially, we would like to thank to organizing committee for their hard working. We welcome all of you to attend the MEES2015 in Wuhan, China during August 9-11, 2015.

Dr. Ping Chen
General chair of MEES2014

Organizing Committee

General Chair

Boise State University	USA
Tongji University	China
China Agricultural University	China
North University of China	China
Central South University	China
Xian University of Architecture and Technology	China
Zhejiang SCI-Tech University	China
Beijing University of Technology	China
Beijing Institute of Graphic Communication	China
Shanghai Second Polytechnic University	China
Zhejiang University of Technology	China
Southeast University	China
North China Electric Power University	China
University of Science and Technology of China	China
Tsinghua University	China
University	China
Forestry University	China
	Tongji University China Agricultural University North University of China Central South University Xian University of Architecture and Technology Zhejiang SCI-Tech University Beijing University of Technology Beijing Institute of Graphic Communication Shanghai Second Polytechnic University Zhejiang University of Technology Southeast University North China Electric Power University University of Science and Technology of China Tsinghua University University