

PREFACE

This volume contains selected papers from the 2015 International Conference on Innovative Research (ICIR 2015) which is held in Iași, Romania during May 14 - 16, 2015. This conference is organized by Romanian Inventors Forum; Faculty of Materials Science and Engineering, The “Gheorghe Asachi” Technical University of Iasi, Romania; Centre of Excellence Geopolymer & Green Technology (CEGeoGTech), Universiti Malaysia Perlis; ARHEOINVEST Platform, Alexandru Ioan Cuza University of Iasi and Malaysian Research & Innovation Society (MyRIS). EUROINVENT ICIR 2015 also was supported by Ubudiyah University of Indonesia (UUI) and International Federation of Inventors' Associations (IFIA). The conference aims to provide a high level international forum for researchers, engineers and scientists to present their new advances and research results in the field of materials science and engineering.

This volume covered all the aspects of materials science, geopolymer and green technology, construction materials and engineering technology. All of the papers have been reviewed by more than two expert referees in their relevant topic disciplines. The paper selected for this volume depended on their quality and relevancy to the conference.

The editors hope that this volume will provide the reader a broad overview of the latest advances in the field of materials science and engineering, and that will be as valuable reference source for further research.

The editors would like to express their sincere appreciations and thanks to all the committee members of the ICIR 2015 for their tremendous efforts. Without their dedication, it was impossible to have a successful EUROINVENT ICIR 2015 and a high quality volume of the conference proceedings. Thanks also to Trans Tech Publications for producing this volume. Finally, the editors would like to thank all the authors for their contribution to this valuable volume.

Andrei Victor Sandu
Mohd Mustafa Al Bakri Abdullah
Petrică Vizureanu
Zarina Yahya
Ion Sandu

May, 2015

Organized by

- ▲ Romanian Inventors Forum
- ▲ Faculty of Materials Science and Engineering, The “Gheorghe Asachi” Technical University of Iasi, Romania
- ▲ Centre of Excellence Geopolymer and Green Technology (CEGeoGTech), Universiti Malaysia Perlis (UniMAP)
- ▲ ARHEOINVEST Platform, Alexandru Ioan Cuza University of Iasi
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