

Preface

It is our pleasure to welcome you to the 2014 International Conference on Energy Research and Power Engineering (ERPE'14) in Dalian, China. ERPE'14 is the first conference dedicated to issues related to Advanced Materials Science, Chemical Engineering and Technologies, Power System and Energy Engineering, Its Applications, Environmental Engineering and Resource Development, Industrial, Mechanical and Manufacturing Engineering, Mechatronics, Automation and Control, Computation Methods and Algorithms for Modeling, Simulation and Optimization, Data Mining and Data Processing, Measurement and Instrumentation, Monitoring, Testing, Detection and Identification Technologies, Power and Electric Research, Electronics and Microelectronics, Embedded and Integrated Systems, Communication, Signal and Image Processing, Information Technologies, WEB and Networks Engineering, Information Security and Software Application, Construction Materials, Architecture Science and Civil Engineering, Modern Tendency in Area of Management, Logistics, Economics, Education, Traffic and Urban Engineering.

A major goal and feature of it is to bring academic scientists, engineers, industry researchers together to exchange and share their experiences and research results, and discuss the practical challenges encountered and the solutions adopted.

We hope you will have a technically rewarding experience, and use this occasion to meet old friends and make many new ones. Don't miss the opportunity to explore in Dalian, China. And don't forget to take a sample of the many and diverse attractions in the rest of the China.

ERPE'14 promises to be both stimulating and informative with a wonderful array of keynote and invited speakers from all over the world. Delegates will have a wide range of sessions to choose from and will have a difficult decision in deciding which sessions to attend.

We would like to thank the organization staff, the members of the program committees and reviewers. They have worked very hard in reviewing papers and making valuable suggestions for the authors to improve their work. We also would like to express our gratitude to the external reviewers, for providing extra helps in the review process, and the authors for contributing their research result to the conference. Special thanks go to TTP Publisher.

We wish all attendees of the ERPE'14 an enjoyable scientific gathering in Dalian, China. We look forward to seeing all of you next year at the conference.

Organizing Committee