**Preface** 

The 2014 International Conference on Advanced Manufacturing Technology and Materials

Engineering(AMTME2014) was held in Guangzhou, China on October 25th and 26th, 2014.

AMTME 2014 aims to cover the recent advancement and trends in the area of manufacturing

technology and materials engineering to promote knowledge sharing and networking interactions on

emerging trends and new challenges.

The topics of the conference include New Materials, Advanced Materials, Materials Machining,

Processing Technology, Surface Engineering, Forming Technology, Simulation of Manufacturing

Processes, Manufacturing System, Automation, Intelligent Design, Machanical Behavior, Fault

Diagnosis Analysis, Manufacturing Machinery and Equipment.

We would like to express our sincere appreciations to all the referees for their constructive

comments on the papers, as well as all the authors for their contributions to this book. Thanks are

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