Preface

The 2011 International Conference on Materials and Products Manufacturing Technology (MPMT 2011) took place in Chengdu, China, October 28-30, 2011. A key aspect of this conference is the strong mixture of academia and industry. This allows for the free exchange of ideas and challenges faced by these two key stakeholders and encourage future collaboration between members of these groups.

All those accepted papers included in this book were subjected to strict peer-reviewing by 2-4 expert referees. This book aims to collect the latest advancement and applications of surface engineering/coatings, modeling, analysis and simulation of manufacturing processes, materials forming/machining/joining, mechanical behavior & fracture, tooling testing and evaluation of materials.

We would like to express our sincere appreciations to all the authors for their contributions to this book. We would like to acknowledge the efforts of the organizers. We also thank all referees for their constructive comments.

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