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Proceedings of the Sixth Asia-Europe Symposium on Processing and Properties of Reinforced Polymers

Xiaolin Xie
Mingqiu Zhang
Yiuwing Mai



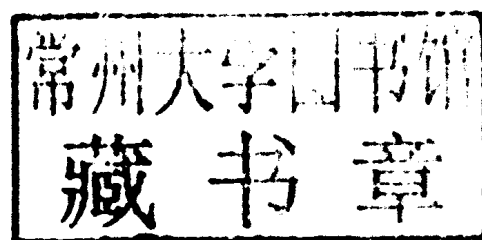
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Xiaolin Xie Mingqiu Zhang Yiuwing Mai

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Introduction

This proceedings collects 185 papers which are presented orally or exhibited at poster session during the Sixth Asia-Europe Symposium on Processing and Properties of Reinforced Polymers (AESP6), Wuhan, China, 2013. These papers cover the aspects of reinforcements for nanocomposites, interphases/interfaces, bio-composites, functional/smart composites, fracture, manufacturing/processing and industrial applications. These papers present us the advances in fundamental research and application research of polymer-based composite materials. Also, the book can be used as a guidebook to know the state-of-the-art of this area for researchers, engineers or students.

The Sixth Asia-Europe Symposium on Processing and Properties of Reinforced Polymers (June 2-6, 2013, Wuhan, China)

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Preface

This is the proceedings of the Sixth Asia-Europe Symposium on Processing and Properties of Reinforced Polymers (AESP6) held in Wuhan (China, June 2-6, 2013), which followed the excellent reputation and traditions of previous symposia organized in Nancy (France, 2004), Beijing (China, 2005), Budapest (Hungary, 2007), Guilin (China, 2009), and Dresden (Germany, 2011).

The symposium has attracted numerous researchers and scientists in the field of fundamental and applied research associated with polymer-based composites since first conference in France (2004). The aim of the symposium is to provide a platform for scientists, researchers and engineers in the broad disciplines to discuss and share research results, new ideas and practical development experiences. Also, the symposium is organized to enhance interactions among leading experts and promising innovators from research institutions, end-use industries and academia.

This proceedings collects 185 papers which are presented orally or exhibited at poster session during AESP6. These papers cover the present and the prospective aspects of reinforcements for nanocomposites, interphases/interfaces, bio-composites, functional/smart composites, fracture, manufacturing/processing and industrial applications.

We would like to express our sincerest appreciation to all the authors for their original and valuable work. Also, we are grateful to all the committee members and all the volunteers for their great efforts. Special thanks are due to Natural Science Foundation of China, Huazhong University of Science and Technology, Sun Yat-sen University, and Jiangnan University. All of the contributions above make this work possible.

Xiaolin Xie, Mingqiu Zhang, Yiuwing Mai

June 2, 2013

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