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# Medical Imaging and Augmented Reality

Third International Workshop  
Shanghai, China, August 17-18 2006  
Proceedings

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## Preface

The Third International Workshop on Medical Imaging and Augmented Reality, MIAR 2006, was held in Shanghai, China at the Regal International East Asia Hotel during August 17-18, 2006. The goal of MIAR 2006 was to bring together researchers in medical image computing and intervention to present the state-of-the-art developments in this ever-growing research area. The meeting consisted of a single track of oral/poster presentations, with each session led by an invited lecture from our distinguished international faculty members. For MIAR 2006, we received 87 full submissions, which were subsequently reviewed by up to 5 reviewers, resulting in the acceptance of 45 full papers included in this volume. For this workshop, we also included four papers from the invited speakers covering shape modeling, fMRI analysis, and study of cerebral connectivity and plasticity.

Running such a workshop requires dedication, and we appreciate the commitment of the MIAR 2006 Programme Committee and reviewers who worked to a tight deadline in putting together this workshop. We would also like to thank members of the local Organizing Committee, who have been working so hard behind the scenes to make MIAR 2006 a great success.

It was our great pleasure to welcome this year's MIAR attendees to Shanghai, which is the largest base of Chinese industrial technology, an important seaport and China's largest commercial and financial center. Shanghai is a multicultural metropolis with both modern and traditional Chinese features and we trust that the attendees took the opportunity to explore many different aspects of the city in addition to attending the workshop.

For those unable to attend, we hope this volume will act as a valuable reference to the MIAR disciplines, and we look forward to meeting you at future MIAR workshops.

August 2006

Guang-Zhong Yang, Tianzi Jiang,  
Dinggang Shen, Lixu Gu, Jie Yang

# **MIAR 2006**

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