

PREFACE

To prompt the interdisciplinary interaction and exchange and provide technical and theoretical leads to the electronic component industry in China, the 165th Forum of Young Scientists sponsored by the Chinese Association of Science and Technology (CAST) with focus on the *Challenges on Wave Propagation in Elastic Solids in Information Era* was held in April 18-21, 2008, Ningbo University, with the participation of 40 leading researchers and 18 graduate students from universities, research laboratories, and industry. This Forum was chaired by Professors Yuesheng Wang of Beijing Jiaotong University, Ji Wang of Ningbo University, Weiqiu Chen of Zhejiang University, and Xu Han of Hunan University. Invited speakers, including many *Cheung Kong* Scholars and Recipients of the Outstanding Young Researcher Award of the National Natural Science Foundation, presented their latest findings on the fundamental theory, computational methods, design techniques, new materials, and novel applications on wave propagation. The keynote lectures given by Professors Yih-Hsin Pao of Zhejiang University, Chunsheng Zhao of Nanjing University of Aeronautics and Astronautics, and Shu-Yi Zhang of Nanjing University, have brought inspirations on the subject to the younger generation of scientists from their outstanding accomplishments.

From the over fifty presentations and talks, we invited 13 speakers to submit papers to the *Acta Mechanica Solida Sinica* (AMSS) for a focused issue on Wave Propagation in Elastic Solids. As it can be seen, the authors are known on specific fields and subjects internationally. Consequently, these research results represent the state-of-art of wave propagation in elastic solids with emphasis on applications in devices and intelligent structures. We hope these findings will foster innovative technology and new products.

Finally, it is our pleasure to work with such a truly talented and extremely considerate group of colleagues in this exciting field and dynamic industry through the participation, discussion, and manuscript preparation. We are really delighted to read these outstanding contributions as the privileged reader, and hope you will feel the same. Of course, we are indebted to the Editorial Staff of AMSS for their efforts to bring this issue to our readers in such a short period of time.

Guest Editors: Yuesheng Wang



Ji Wang

