

Foreword

After great success of the first International Conference on Advances in Concrete & Structures (ICACS2004), the second conference of the same series (ICACS2008) was held on June 19-21 2008 in Changsha, China. The ICACS2008 aims at bringing together the engineers and researchers with interests in concrete materials and structures and promoting the exchange of ideas and experiences among participants to consolidate knowledge of recent developments in these important areas of technology.

The conference covers a broad spectrum of topics related to concrete and structural engineering. Hundred and thirty-nine high-quality papers, including 11 Keynote papers, were finally accepted and presented in 10 sessions by experts in concrete materials and structural engineering, from all over of the world.

As the co-chairmen of the conference, we would like to extend our appreciation to all the participants for their valuable contribution to the success of the conference. We would like to thank the keynote and invited speakers and all participating authors for their hard work and time spent to prepare the final papers included in the proceedings. Special thanks are due to all the peer reviewers whose constructive and critical reviews of the final manuscripts assured the quality of the proceedings. We also sincerely appreciate the support from the American Concrete Institute (ACI), the National Natural Science Foundation of China (NSFC), the China Civil Engineering Society, Hunan University, Central South University and Trans Tech Publications Ltd.

Finally, we would like to extend our appreciation to the Conference Secretariats, Local Organizing Committee and the members of the international Advisory and Scientific Committees of ICACS2008 for their time and efforts spent in preparing the conference.

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