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International Conference on Advances in Structural Health Management and Composite Structures - ASHMCS 2012

Chan-Yik Park^a, Gyuhae Park^b & Jung-Ryul Lee^c

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^a Agency for Defense Development, Daejon, Korea

^b Chonnam National Unviersity, Gwangju, Korea

^c Chonbuk National University, Jeonju, Korea Published online: 25 Nov 2013.



PREFACE

International Conference on Advances in Structural Health Management and Composite Structures – ASHMCS 2012

The first edition of the International Conference on Advances in Structural Health Management and Composite Structures, ASHMCS 2012, took place in Jeonju, South Korea, on the 29–31 of August 2012. This conference was organized by Engineering Institute of Korea, an educational and research collaboration between Los Alamos National Laboratory (USA) and Chonbuk National University (Korea). The conference addressed the new development in all aspects of structural health monitoring and advanced composite structures. We had the high participation with delegates from 14 countries presenting 79 papers, representing various aspects of academic and industrial communities. From the conference papers, we are publishing seven notes and papers to this special issue after the careful review process. These notes and papers cover a wide spectrum of subjects that include design, modeling, full-scale testing and smartilization of the composite structures, and reflect the excellent outcome of ASHMCS 2012.

Acknowledgments are due to all the authors and co-authors, to the reviewers for their time and collaboration, to the sponsors of the conference including Chonbuk National University, Office of Naval Research Global, The Asian Office of Aerospace Research and Development, Leading Foreign Research Recruitment program of National Research Foundation Korea, and to the ACM Editors-in-Chief Prof. Shinji Ogihara and Prof. Joung-Man Park for their support to this special issue.

Chan-Yik Park Agency for Defense Development, Daejon, Korea

Gyuhae Park Chonnam National University, Gwangju, Korea

Jung-Ryul Lee Chonbuk National University, Jeonju, Korea

Guest Editors