

Preface

This volume is a collection of edited papers presented at the 7th International Conference on Fracture and Damage Mechanics (FDM2008), held in COEX Convention Centre, Seoul, Korea, during 9-11 September 2008. Previous meetings were held in London, UK(1999), Milan, Italy (2001), Paderborn, Germany (2003), Mallorca, Spain (2005), Harbin, China (2006) and Madeira, Portugal (2007).

The conference which was attended by researchers from 22 countries served as a forum to promote and exchange latest theoretical, computation and experimental research works on fracture and damage mechanics as well as structural integrity and durability. Two special symposium on *Sustainable Technology of Structures including Architecture and Civil Engineering Fields and Diagnosis, Damage Evaluation, Rehabilitation, Repair, Strengthening, Durability Design technology of Structures* were organised by Prof. Lee, Han Seung.

Keynote lectures were presented by Prof. Sung-Woo, Shin *Director of Sustainable Building Research Center, Professor of Hanyang University and Vice president of Architectural Institute of Korea* and Prof. Erik Schlangen, *Delft University of Technology, The Netherlands*.

The FDM2008 covers a wide range of topics: Fracture Mechanics, Failure analysis, Corrosion, Creep, Non-linear problems, Dynamic Fracture, Residual Stress, Environmental effects, Crack Propagation, Repair Techniques, Composite, Ceramics, Polymers, Metallic and concrete materials, Probabilistic Aspects, Risk Analysis, Damage Tolerance, Fracture Control, Computer Modelling Methods (Finite Elements, Boundary Elements and Meshless), Microstructural and Multiscale Aspects.

The organisers would like to thanks the following institutions:

- Sustainable Building Research Center (SUSB), Hanyang University, Ansan, Korea
- Korea Sustainable Architecture Professional Education Center(SAPEC), Hanyang University, Seoul, Korea
- Harbin Engineering Univeristy, Harbin, China

for sponsoring the conference.

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Editors

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