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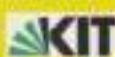


Ministry of Public
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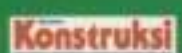


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Preface

The objective of the 1st International Conference of Rehabilitation and Maintenance in Civil Engineering (ICRMCE) is to provide the forum and to initiate a network for the engineers, academicians, government agencies and practitioners in exchanging the ideas and experiences, technological advancement and innovation related to rehabilitation and maintenance in civil engineering.

This event has been responded positively by the engineers, academicians, governments agency and practitioners. Since its first announcement on last September 2008, the organizing committee has received 92 abstracts from nine countries and finally 66 full papers could be presented in this conference proceeding.

The topics of papers are divided into fifteen groups of sub-theme. Those are (a) Special experiences on building and infrastructure rehabilitation and maintenance, (b) Advanced Technology on Building and Infrastructure Rehabilitation Technique, (c). Assessment of Building and Infrastructure Performance, (d) Assessment of Building and Infrastructure Performance Related to Natural Hazard, (e) Smart Material for Building and Infrastructures Repair (Including Material Development for Building and Infrastructures), (f) Building and Infrastructure Damage Assessment, (g) Building and Infrastructure Maintenance Strategy, (h) Testing and Inspection, (i) Restoration, Preservation, Rehabilitation and Maintenance of Historic Building, (j). Management on Building and Infrastructure Maintenance, (k) Building and Infrastructure Service Life Modeling, (n) Code on building and infrastructure rehabilitation and maintenance (o) Others.

This event is organized by the Department of Civil Engineering of Sebelas Maret University (UNS-Solo), School of Rehabilitation and Maintenance in Infrastructure of Post Graduate Program of Civil Engineering, Sebelas Maret University (UNS-Solo) and the Ministry of Public Works of Republic Indonesia with the supporting partner Karlsruhe Institute of Technology (KIT), Indonesian Society for Building Maintenance (HAPBI) and University of Chulalongkorn.

On behalf of the organizing committee I would like to thank the institution partners, the speakers and the paper contributors, the sponsors, the media partners, all the committee members, the Civil Engineering Service (CES) and the Association of Civil Engineering Students (HMS) of Sebelas Maret University (UNS-Solo) for their great support.

Solo, 21st March 2009.

Dr. Sholihin As'ad

Chairman of the Organizing Committee of

1st International Conference on Rehabilitation and Maintenance in Civil Engineering (ICRMCE)

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