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# INFORMATION SYSTEMS FOR CRISIS RESPONSE AND MANAGEMENT

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PROCEEDINGS

Editors:

Bartel Van de Walle  
Zhujie Chu  
Yinghui Hu



ISCRAM-CHINA 2010

**Fourth International ISCRAM CHINA Conference**

At Harbin Engineering University

**September 10-12, 2010 HARBIN-CHINA**



哈爾濱工程大學  
HARBIN ENGINEERING UNIVERSITY

PROCEEDINGS OF

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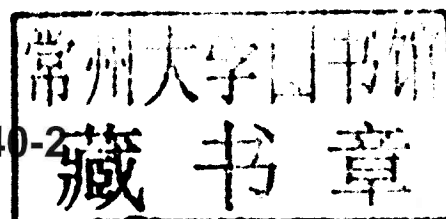
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## **Welcome message from the ISCRAM Community**

Dear participant,

I am delighted to have this opportunity to welcome you on behalf of the ISCRAM Association to this edition of the international ISCRAM-CHINA conference, held for the fourth consecutive time in Harbin, China, at these beautiful premises of Harbin Engineering University.

The hard work of the conference chair, Professor Tienan Zhang, and of the local conference and program committee has once again produced an excellent program with outstanding contributions from researchers from all over the country, as well as an impressive line-up of international keynote speakers. The unique blend of research in progress talks and state-of-the-art presentations to be delivered during the coming days will without any doubt motivate all of us to push the boundaries of our scientific and technological knowledge, so that we can develop an ever more effective and efficient answer to the many great challenges that are posed upon us by disasters caused by nature's forces or man's unfortunate or intentional harmful actions.

I would also like to bring to your attention that since the previous edition of this conference, the ISCRAM Association has been formally established as an international non-profit organisation. The ISCRAM board is now in its second year of office, and has an international representation with board members from Europe, the USA and indeed China through Harbin Engineering University professor Song Yan. Through the presence of the ISCRAM-CHINA conference established here in Harbin over the past years, we are grateful for the unique opportunity to extend our Association's international network. We are confident that this fruitful interaction and collaboration will continue to flourish in the years to come.

I would like to conclude my address here by expressing my gratitude to Professor Song Yan, who has been the driving force behind all four of the editions of the ISCRAM-CHINA conference, and her wonderful colleagues for all their hard work so that we can all enjoy this conference. My sincere thanks also go to Harbin Engineering University and the Dean of the School of Economics and Management Professor Zhang, without whose support this conference simply would not have existed.

I wish you a wonderful time in Harbin and a great conference!

Yours sincerely,

Bartel Van de Walle, PhD  
ISCRAM Association Chair



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