

# BEYOND CODES AND PIXELS

*Proceedings of the 17th International Conference on  
Computer-Aided Architectural Design Research in Asia  
(CAADRIA 2012)*

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BEYOND CODES AND PIXELS

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Architectural Design Research in Asia (CAADRIA 2012)*

SCHOOL OF ARCHITECTURE

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## FOREWORD

The annual CAADRIA (Association for Computer-Aided Architectural Design Research in Asia) conference provides an international community of researchers and practitioners with a venue to exchange, to discuss and to publish their latest ideas and accomplishments. This volume contains the 69 papers that were accepted for presentation at the 17th International CAADRIA Conference, hosted and organised by the School of Architecture at Hindustan University, Chennai, India. The contained papers can be obtained digitally from CUMINCAD (<http://cumincad.scix.net>) via individual or institutional subscription to CAADRIA (<http://www.caadria.org>). This volume is the outcome of an extensive collaborative effort of a team of volunteers, and it marks another year of growing quality and strength in the history of CAADRIA. Calls for papers in June of 2011 resulted in the submission of 133 abstracts. These were initially reviewed by the paper selection committee, which invited 124 abstracts for further development. Of these, 85 full papers were submitted to the full paper review stage. Three international reviewers carried out a double-blind review of each submitted paper. Following the reviewers' recommendations, 69 papers were finally accepted for publication. We congratulate the authors for their accomplishment. Next to the authors, the reviewers, who volunteered valuable time and effort, deserve our sincere thanks and acknowledgements. We sincerely thank the organising team at Hindustan University, in particular Dr. K. Sarukesi, Vice-Chancellor, who put his full support behind the conference; Mrs. Sheeba Chander, conference chair and head of department at the School of Architecture, who readily took on the task of organising it; and Mrs. Devyani Gangopadhyay, who worked tirelessly to make this proceedings volume a physical reality. On the following pages, we acknowledge and thank those who contributed to the production of this volume.

We congratulate Mark Burry, who, in recognition of his outstanding contributions to research and education in our field, received CAADRIA's 2012 Sasada Award. In closing, we sincerely thank the CAADRIA community for offering us the honour to serve as members of the paper selection committee for CAADRIA 2012.

**T. Fischer, K. De Biswas, J.J. Ham,  
R. Naka and W.X. Huang (editors)**

APRIL 2012

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






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

















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









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