EDITORIAL

Guest editorial: 21st international meshing roundtable special issue

Xiangmin Jiao

The committee of the 21st International Meshing Roundtable is pleased to publish this special edition of Engineering with Computers based on papers presented at the conference held on October 7–10, 2012 in San Jose, CA, USA. The International Meshing Roundtable conference series was started by Sandia National Laboratories in 1992 as a small meeting of organizations striving to establish a common focus for research and development in the field of mesh generation and closely related topics. Now the International Meshing Roundtable has become recognized as an international focal point annually attended by researchers and developers from dozens of countries around the world.

The 21st International Meshing Roundtable was one of the best attended with 57 papers submitted, among which 34 papers were accepted. The committee invited ten papers from the accepted papers with the best reviews to submit their work for this special issue, and eight papers eventually appeared in this special issue. The papers in this volume present theoretical and novel ideas and algorithms with practical potential, as well as technical applications in science and engineering, geometric modeling, computer graphics, and visualization. These papers reflect the complexity and diversity of mesh generation, and we hope they will educate and inform the reader about the latest advances in this field.

We would like to thank the authors who contributed to this volume, the reviewers of the papers, as well as the Engineering with Computers publishing staff. It is their efforts that made this special journal issue possible.

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