

Preface

These are the proceedings of the 8th International Conference on Image and Graphics (ICIG 2017), held in Shanghai, China, during September 13–15, 2017.

The China Society of Image and Graphics (CSIG) has hosted this series of ICIG conferences since 2000. ICIG is the biennial conference organized by the China Society of Image and Graphics (CSIG), focusing on innovative technologies of image, video, and graphics processing and fostering innovation, entrepreneurship, and networking. This time, Shanghai Jiaotong University was the organizer, and the Nanjing Technology University and Zong Mu Technology Ltd. Company were the co-organizers. Details about the past eight conferences, as well as the current one, are as follows:

Conference	Place	Date	Submitted	Proceeding
First (ICIG 2000)	Tianjin, China	August 16–18	220	156
Second (ICIG 2002)	Hefei, China	August 15–18	280	166
Third (ICIG 2004)	Hong Kong, China	December 17–19	460	140
4th (ICIG 2007)	Chengdu, China	August 22–24	525	184
5th (ICIG 2009)	Xi'an, China	September 20–23	362	179
6th (ICIG 2011)	Hefei, China	August 12–15	329	183
7th (ICIG 2013)	Qingdao, China	July 26–28	346	181
8th (ICIG 2015)	Tianjin, China	August 13–16	345	170
9th (ICIG 2017)	Shanghai, China	September 13–15	370	172

This time, the proceedings are published by Springer in the LNCS series. The titles, abstracts, and biographies of the three invited speakers of plenary talks are presented first. At ICIG 2017, 370 submissions were received, and 160 papers were accepted. To ease in the search of a required paper in these proceedings, the 160 regular papers have been arranged in alphabetical order according to their titles. Another 12 papers forming a special topic are included at the end.

Our sincere thanks go to all the contributors (around 200), who came from around the world to present their advanced works at this event. Special thanks go to the members of Technical Program Committee, who carefully reviewed every single submission and made their valuable comments for improving the accepted papers.

The proceedings could not have been produced without the invaluable efforts of the publication chairs, the web chairs, and a number of active members of CSIG.

September 2017

Yao Zhao
Xiangwei Kong
David Taubman

Image and Graphics

9th International Conference, ICIG 2017, Shanghai,
China, September 13-15, 2017, Revised Selected
Papers, Part I

Zhao, Y.; Kong, X.; Taubmann, D. (Eds.)

2017, XXX, 705 p. 334 illus., Softcover

ISBN: 978-3-319-71606-0