2007 International Symposium On Distributed Computing and Applications To Business, Engineering and Science

DCABES 2007 PROCEEDINGS

Volume I

Editor in Chief: Guo Qingping Associate Editor in Chief: Guo Yucheng

Yichang, China

August 14-17, 2007

Hubei Science and Technology Press, Wuhan, China

图书在版编目(CIP)数据

2007年电子商务、工程及科学领域的分布式计算和应用国际学术研讨会论文集 / 郭庆平、郭羽成 主编.

--武汉: 湖北科学技术出版社, 2007. 8

ISBN 978-7-5352-3854-2

I.2… II.郭… III. 分布式计算机-计算机应用-国际学术会议-文集 IV. TP338. 8-53

中国版本图书馆 CIP 数据核字(2007)第 112318 号

Copyright 2007 by Hubei Science and Technology Press, Wuhan, China All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy for private use. Instructors are permitted to photocopy for private use isolated articles for non-commercial classroom use without fee. Other copying, reprint, or republication requests should be addressed to: Hubei Science and Technology Press, the 13th Floor of Block B, 268 Xiongchu Avenue, Wuhan, 430070, P. R. China

The papers in this book comprise the proceedings of the meeting mentioned on the cover and title page. They reflect the authors' opinions and, in the interests of timely dissemination, are published as presented and without change. Their inclusion in this publication does not necessarily constitute endorsement by the editors, the Wuhan University of Technology, the Hubei Science and Technology Press, the Natural Science Foundation of China, the Ministry of Education, China, or other sponsors and organizers.

Organized by

WUT Wuhan University of Technology

Co-organized by

CAA Computer Academic Association of Hubei Province & Wuhan Metropolis

Sponsored by

WUT Wuhan University of Technology
MOE Ministry of Education, China
NSFC National Nature Science Foundation of China







DCABES 2007 PROCEEDINGS

Editor in Chief: Guo Qingping, Associate Editor in Chief: Guo Yucheng
Editorial Production by Wu Ruilin, Tang Jie; Cover Art Production by Da Min, Wan Xiaofen
Published by *Hubei Science and Technology Press, Wuhan, China* Tel: +86-(0)27-87679468
Address: The 13th Floor of Block B, 268 Xiongchu Avenue, Wuhan, Post Code: 430070 P. R. China
Printed in Wuhan, China by Youngster Union Printery, Post Code: 430063
880mm×1230mm sixteenmo 71.5 sheets 1500 k Characters First Edition August 2007
First Impression September 2007

ISBN 978-7-5352-3854-2

Price RMB 280 Yuan

QoS of Book Printing and Bounding is guaranteed by the printery.