Record Nr. UNINA9910483968503321 Computational and Information Science: First International Symposium, **Titolo** CIS 2004, Shanghai, China, December 16-18, 2004, Proceedings // edited by Jun Zhang, Ji-Huan He, Yuxi Fu Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa **ISBN** 3-540-30497-5 Edizione [1st ed. 2005.] 1 online resource (XXIV, 1259 p.) Descrizione fisica Lecture Notes in Computer Science, , 0302-9743;; 3314 Collana 005 Disciplina Soggetti Computer science Mathematical models Computers Software engineering Computer science—Mathematics Computer Science, general Science, Humanities and Social Sciences, multidisciplinary Mathematical Modeling and Industrial Mathematics Theory of Computation Software Engineering/Programming and Operating Systems Mathematics of Computing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "2004 International Symposium on Computational and Information Note generali Sciences (CIS 2004)"--Pref. Nota di bibliografia Includes bibliographical references and index. High Performance Computing and Algorithms -- Computer Modeling Nota di contenuto and Simulations -- Biological and Medical Informatics -- Data and Information Sciences -- Computational Graphics and Visualization. The 2004 International Symposium on Computational and Information Sommario/riassunto Sciences (CIS 2004) aimed at bringing researchers in the area of computational and - formation sciences together to exchange new ideas and to explore new ground. The goal of the conference was to push the application of modern computing technologies to science, engineering, and information technologies to a new level of sophistication and understanding.

Theinitialideatoorganizesuchaconferencewithafocusoncomputationand applicationswasoriginatedbyDr.JunZhang,duringhisvisittoChinainAugust 2003, in consultation with a few friends, including Dr. Jing Liu at the Chinese Academy of Sciences, Dr. Jun-Hai Yong at Tsinghua University, Dr. Geng Yang at Nanjing University of Posts and Communications, and a few others. After severaldiscussionswith Dr. Ji-Huan He, itwasdecidedthatDonghuaUniversity would host CIS 2004. CIS 2004 attempted to distinguish itself from other conferences in its - phasis on participation rather than publication. A submitted paper was only reviewed with the explicit understanding that, if accepted, at least one of the authors would attend and present the paper at the conference. It is our - lief that attending conferences is an important part of one's academic career, through which academic networks can be built that may bene?t one's academic life in the long run. We also made every e? ort to support graduate students in attending CIS 2004. In addition to set reduced registration fees for full-time graduate students, we awarded up to three prizes for to the Best Student Papers at CIS 2004. Students whose papers were selected for awards were given cash prizes, plus a waiver of registration fees.