

1. Record Nr.	UNINA9910484346403321
Titolo	Computational Science and Its Applications - ICCSA 2006 : International Conference, Glasgow, UK, May 8-11, 2006, Proceedings, Part V / / edited by Osvaldo Gervasi, Vipin Kumar, C.J. Kenneth Tan, David Taniar, Antonio Laganà, Youngsong Mun, Hyunseung Choo
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-34080-7
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XXV, 1045 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3984
Altri autori (Persone)	GavrilovaMarina L
Disciplina	004
Soggetti	Computer science Software engineering Numerical analysis Computer networks Computer simulation Image processing - Digital techniques Computer vision Theory of Computation Software Engineering Numerical Analysis Computer Communication Networks Computer Modelling Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Workshop on Parallel and Distributed Computing (PDC 2006) -- Workshop on Security Issues on Grid/Distributed Computing Systems (SIGDCS 2006) -- Workshop on Image Processing and Computer Vision (IPCV 2006) -- Workshop on Integrated Analysis and Intelligent Design Technology (IAIDT 2006) -- Workshop on Approaches or Methods of Security Engineering (AMSE 2006, Sess. B) -- General Tracks.
Sommario/riassunto	This 7-volume set was compiled following the 2006 International

Conference on Computational Science and its Applications, ICCSA 2006, held in Glasgow, UK, during May 8–11, 2006. It represents the outstanding collection of almost 664 refereed papers selected from over 2,450 submissions to ICCSA 2006. Computational science has firmly established itself as a vital part of many scientific investigations, attracting researchers and practitioners in areas ranging from applications such as aerospace and automotive, to emerging technologies such as bioinformatics and nanotechnologies, to core disciplines such as mathematics, physics, and chemistry. Due to the sheer size of many challenges in computational science, the use of supercomputing, parallel processing, and sophisticated algorithms is inevitable and becomes a part of fundamental theoretical research as well as endeavors in emerging fields. Together, these far-reaching scientific areas contributed to shaping this conference in the realms of state-of-the-art computational science research and applications, encompassing the facilitating theoretical foundations and the innovative applications of such results in other areas.
