

PCDS 2025

The 2nd International Symposium on
Parallel Computing and Distributed Systems

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Second International Symposium On Parallel And Distributed Computing

Thomas Griffiths



Second International Symposium On Parallel And Distributed Computing:

Parallel and Distributed Processing and Applications Jiannong Cao, Laurence T. Yang, Minyi Guo, Francis Lau, 2005-01-17 Welcome to the proceedings of the 2nd International Symposium on Parallel and Distributed Processing and Applications ISPA2004 which was held in Hong Kong China 13-15 December 2004. With the advance of computer networks and hardware technology, parallel and distributed processing has become a key technology which plays an important part in determining future research and development activities in many academic and industrial branches. It provides a means to solve computationally intensive problems by improving processing speed. It is also the only able approach to building highly reliable and inherently distributed applications. ISPA2004 provided a forum for scientists and engineers in academia and industry to exchange and discuss their experiences, new ideas, research results, and applications about all aspects of parallel and distributed computing. There was a very large number of paper submissions: 361 from 26 countries and regions including not only Asia and the Pacific but also Europe and North America. All submissions were reviewed by at least three program or technical committee members or external reviewers. It was extremely difficult to select the presentations for the conference because there were so many excellent and interesting submissions. In order to allocate as many papers as possible and keep the high quality of the conference, we finally decided to accept 78 regular papers and 38 short papers for oral technical presentations. We believe that all of these papers and topics not only provide novel ideas, new results, work in progress, and state-of-the-art techniques in this field but also stimulate the future research activities in the area of parallel and distributed computing with applications.

Proceedings, Second International Symposium on Parallel and Distributed Computing, 2003 Proceedings of the Second International Conference on Computer and

Communication Technologies Suresh Chandra Satapathy, K. Srujan Raju, Jyotsna Kumar Mandal, Vikrant Bhateja, 2015-09-04

The book is about all aspects of computing, communication, general sciences, and educational research covered at the Second International Conference on Computer Communication Technologies held during 24-26 July 2015 at Hyderabad. It hosted by CMR Technical Campus in association with Division V Education Research, CSI India. After a rigorous review, only quality papers are selected and included in this book. The entire book is divided into three volumes. Three volumes cover a variety of topics which include medical imaging, networks, data mining, intelligent computing, software design, image processing, mobile computing, digital signals and speech processing, video surveillance and processing, web mining, wireless sensor networks, circuit analysis, fuzzy systems, antenna and communication systems, biomedical signal processing and applications, cloud computing, embedded systems, applications, and cyber security and digital forensics. The readers of these volumes will be highly benefited from the technical contents of the topics.

Proceedings of the Second International Conference on Parallel and Distributed Information Systems IEEE Computer Society. Technical Committee on Data Engineering, 1993

Proceedings of the 17th Annual International Symposium on High Performance Computing Systems and

Applications and the OSCAR Symposium National Research Council Canada, 2003 The 17th annual International Symposium on High Performance Systems and Applications HPCS 2003 and the first OSCAR Symposium were held in Sherbrooke Quebec Canada May 11-14 2003 The proceedings cover various areas of High Performance Computing from specific scientific applications to computer architecture OSCAR is an Open Source clustering software suite for building maintaining and using high performance clusters

Proceedings of the Second International Conference on Massively Parallel Computing Systems, 1996 Second International Symposium on Advanced Research in Asynchronous Circuits and Systems, 1996 Cloud Computing for Data-Intensive Applications Xiaolin Li, Judy Qiu, 2014-12-02 This book presents a range of cloud computing platforms for data intensive scientific applications It covers systems that deliver infrastructure as a service including HPC as a service virtual networks as a service scalable and reliable storage algorithms that manage vast cloud resources and applications runtime and programming models that enable pragmatic programming and implementation toolkits for eScience applications Many scientific applications in clouds are also introduced such as bioinformatics biology weather forecasting and social networks Most chapters include case studies Cloud Computing for Data Intensive Applications targets advanced level students and researchers studying computer science and electrical engineering Professionals working in cloud computing networks databases and more will also find this book useful as a reference

Proceedings of the Second International Conference on Massively Parallel Processing Using Optical Interconnections, October 23-24, 1995, San Antonio, Texas Eugen Schenfeld, 1995 Annotation Offers eight invited lectures by contributors from academia and industry in the fields of parallel computer systems optical interconnections and technology two panel discussions and 34 papers by contributors from throughout the world In addition to reporting on recent advances in the field they speculate on how optical interconnections might impact the design of parallel computer systems and communication networks and the writing of applications and algorithms Among the topics are reconfigurable architectures embedding and mapping of applications and algorithms the packaging and layout of optical interconnections passive optical elements data distribution and partitioning and cost performance studies No subject index Annotation copyright by Book News Inc Portland OR

Embedded Systems -- Modeling, Technology, and Applications Günter Hommel, Sheng Huanye, 2006-08-05 The International Workshop on Embedded Systems Modeling Technology and Applications is the seventh in a successful series of workshops that were established by Shanghai Jiao Tong University and Technische Universität Berlin The goal of those workshops is to bring together researchers from both universities in order to present research results to an international community The series of workshops started in 1990 with the International Workshop on Artificial Intelligence and was continued with the International Workshop on Advanced Software Technology in 1994 Both workshops have been hosted by Shanghai Jiao Tong University In 1998 the third workshop took place in Berlin This International Workshop on Communication Based Systems was essentially based on results from the Graduiertenkolleg on Communication Based Systems

that was funded by the German Research Society DFG from 1991 to 2000 The fourth International Workshop on Robotics and its Applications was held in Shanghai in 2000 The fifth International Workshop on The Internet Challenge Technology and Applications was hosted by TU Berlin in 2002 The sixth International Workshop on Human Interaction with Machines was hosted by Shanghai Jiao Tong University The subject of this year's workshop has been chosen because the field of Embedded Systems has not only gained major interest in the research community but has also significant economic impact in different application fields Mechanic hydraulic and electronic control systems are being replaced by microcomputer based embedded systems

Proceedings, the Second International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems, 1989 **ISPDC 2003**, 2003-01-01 ISPDC 2003 covers research and developments in various parallel and or distributed computing topics such as algorithms models and formal verification software agents and multi agent systems programming paradigms and tools resource discovery and management task and communication scheduling and performance management It also looks into cluster grid and heterogeneous computing mobile and ubiquitous computing and systems parallel distributed and mobile databases peer to peer and web computing and services and adaptive computing

Proceedings of the 2004 International Symposium on Performance Evaluation of Computer and Telecommunication Systems Mohammad Salameh Obaidat, Abbas Jamalipour, Franco Davoli, 2004 Issues for 2011 cataloged as a serial in LC **Second International Symposium on Wearable Computers**, 1998

Annotation A digest of papers from the October 1998 symposium that addressed various aspects of augmenting humans with electronic devices The 18 papers are grouped under five sessions case studies use in context augmented reality spatial context adjusting to the human and becoming a part of a human Topics include wearable computers for task guidance in aircraft inspection a cybernetic wearable camera situated communication through physical and digital space hand held and body worn graphical displays and parasitic power harvesting in shoes In addition to the papers the volume contains a panel overview and nine posters No index Annotation copyrighted by Book News Inc Portland OR [The Compiler Design Handbook](#) Y.N. Srikant, Priti Shankar, 2002-09-25

The widespread use of object oriented languages and Internet security concerns are just the beginning Add embedded systems multiple memory banks highly pipelined units operating in parallel and a host of other advances and it becomes clear that current and future computer architectures pose immense challenges to compiler designers challenges th

Proceedings of the Third IEEE International Symposium on High Performance Distributed Computing, 1994 The proceedings of HPDC 3 comprise three invited papers and 34 contributed papers in technical sessions devoted to software tools and environments high speed networks and applications HPDC applications mapping and scheduling distributed shared memory systems partitioning and load balancing fau *Proceedings of the 20th International Conference on Very Large Data Bases* Jorge Bocca, Matthias Jarke, Carlo Zaniolo, 1994 **Second**

International Workshop on Research Issues on Data Engineering Philip S. Yu, 1992 *Second International*

Conference on Computer Vision ,1988 **Proceedings of the Second International Conference on Web Information Systems Engineering** M. Tamer Özsu,2002 This two volume set contains papers from the main program and the workshops of a December 2001 conference presenting research results in the design development and management of Web based information systems and Web data management E commerce mediation and ontology multimedia XML query languages Web information retrieval and classification multimedia Web search XML data and database structures Web mining Web community discovery and XML publishing and transformation are some areas examined in the main program Workshop topics include architectures semantics issues mobile applications and data analysis in Web geographical information systems plus Web semantics networks and research from Japanese universities This work lacks a subject index Annotation copyrighted by Book News Inc Portland OR

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