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Algorithms and Architectures for Parallel Processing

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Ying Liu



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Parallel Processing ICA3PP 2013 held in Vietri sul Mare Italy in December 2013 The first volume contains 10 distinguished and 31 regular papers selected from 90 submissions and covering topics such as big data multi core programming and software tools distributed scheduling and load balancing high performance scientific computing parallel algorithms parallel architectures scalable and distributed databases dependability in distributed and parallel systems wireless and mobile computing The second volume consists of four sections including 35 papers from one symposium and three workshops held in conjunction with ICA3PP 2013 main conference These are 13 papers from the 2013 International Symposium on Advances of Distributed and Parallel Computing ADPC 2013 5 papers of the International Workshop on Big Data Computing BDC 2013 10 papers of the International Workshop on Trusted Information in Big Data TIBiDa 2013 as well as 7 papers belonging to Workshop on Cloud assisted Smart Cyber Physical Systems C Smart CPS 2013

2000 4th International Conference on Algorithms and Architectures for Parallel Processing Andrzej Gościński, 2000 ICA3PP 2000 was an important conference that brought together researchers and practitioners from academia industry and governments to advance the knowledge of parallel and distributed computing The proceedings constitute a well defined set of innovative research papers in two broad areas of parallel and distributed computing 1 architectures algorithms and networks 2 systems and applications

Algorithms and Architectures for Parallel Processing Sang-Soo Yeo, Jong Hyuk Park, Ching-Hsien Hsu, Laurence Tianruo Yang, 2010-05-07 This book constitutes the proceedings of the 10th International Conference on Algorithms and Architectures for Parallel Processing ICA3PP The 47 papers were carefully selected from 157 submissions and focus on topics for researchers and industry practitioners to exchange information regarding advancements in the state of art and practice of IT driven services and applications as well as to identify emerging research topics and define the future directions of parallel processing

Algorithms and Architectures for Parallel Processing Sheng Wen, Albert Zomaya, Laurence T. Yang, 2020-01-21 The two volume set LNCS 11944 11945 constitutes the proceedings of the 19th International Conference on Algorithms and Architectures for Parallel Processing ICA3PP 2019 held in Melbourne Australia in December 2019 The 73 full and 29 short papers presented were carefully reviewed and selected from 251 submissions The papers are organized in topical sections on Parallel and Distributed Architectures Software Systems and Programming Models Distributed and Parallel and Network based Computing Big Data and its Applications Distributed and Parallel Algorithms Applications of Distributed and Parallel Computing Service Dependability and Security IoT and CPS Computing Performance Modelling and Evaluation

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Algorithms and Architectures for Parallel Processing Shadi Ibrahim,Kim-Kwang Raymond Choo,Zheng Yan,Witold Pedrycz,2017-08-09 This book constitutes the proceedings of the 17th International Conference on Algorithms and Architectures for Parallel Processing ICA3PP 2017 held in Helsinki Finland in August 2017 The 25 full papers presented were carefully reviewed and selected from 117 submissions They cover topics such as parallel and distributed architectures software systems and programming models distributed and network based computing big data and its applications parallel and distributed algorithms applications of parallel and distributed computing service dependability and security in distributed and parallel systems service dependability and security in distributed and parallel systems performance modeling and evaluation This volume also includes 41 papers of four workshops namely the 4th International Workshop on Data Text Web and Social Network Mining DTWSM 2017 the 5th International Workshop on Parallelism in Bioinformatics PBio 2017 the First International Workshop on Distributed Autonomous Computing in Smart City DACSC 2017 and the Second International Workshop on Ultrascale Computing for Early Researchers UCER 2017

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