2018 18th International Conference on Computational Science and Its Applications (ICCSA 2018)

Melbourne, Australia 2 – 5 July 2018



IEEE Catalog Number:

ISBN:

CFP1872C-POD 978-1-5386-7215-0

Copyright \odot 2018 by the Institute of Electrical and Electronics Engineers, Inc. All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

*** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.

 IEEE Catalog Number:
 CFP1872C-POD

 ISBN (Print-On-Demand):
 978-1-5386-7215-0

 ISBN (Online):
 978-1-5386-7214-3

Additional Copies of This Publication Are Available From:

Curran Associates, Inc 57 Morehouse Lane Red Hook, NY 12571 USA Phone: (845) 758-0400

Fax: (845) 758-2633

E-mail: curran@proceedings.com Web: www.proceedings.com



Table of Contents

	Paper	Authors
1	An adaptive configuration method of knots and data parameters for NURBS curve interpolation	Liangchen Hu, Huahao Shou, Jie Shen
8	Security framework for Mobile App Development in daily life	Symphorien Karl Yoki Donzia, Haeng-Kon Kim
15	Monte Carlo fission matrix acceleration method based on redistributing mesh	WeiWei,Yi Wang, Ruihong Wang, Shulin Yang, Liujun Pan
25	Ontology-Based Way of Formulating the Statements of Project Tasks in Designing a System with Software	P. Sosnin, A. Kulikova
31	Context based Detections against Legal False Price Data and Malicious Disconnect Commands in Smart Grid	Xiaoxue Liu, Alberto Leon-Garcia, Peidong Zhu
40	Exploiting the behavior of the failed job in high performance computing system	Ju-Won Park, Eunhye Kim
43	Clinical Name Entity Recognition Based on Recurrent Neural Networks	Thoai Man Luu, Robert Phan, Rachel Davey, Girija Chetty
52	TMCAS:An MQTT based Collision Avoidance System for Railway networks	BiswajeebanMishra
58	Cloud Computing Architecture: Issues and Developments	Isaac Odun-Ayo, Ananya M.,, Frank Agono and Rowland Goddy-Worlu
65	Transzaar: Empowers Human Translators	Rashid Ahmad, Priyank Gupta, Nagaraju Vuppala, Sanket Kumar Pathak, Ashutosh Kumar, Gagan Soni, Sravan Kumar, Manish Shrivastava, Avinash K Singh, Arbind K Gangwar, Pawan Kumar, Mukul K Sinha