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Intelligent Computing

Proceedings of the 2020 Computing
Conference, Volume 1

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Editor's Preface

On behalf of the Committee, we welcome you to the Computing Conference 2020.

The aim of this conference is to give a platform to researchers with fundamental contributions and to be a premier venue for industry practitioners to share and report on up-to-the-minute innovations and developments, to summarize the state of the art and to exchange ideas and advances in all aspects of computer sciences and its applications.

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For this edition of the conference, we received 514 submissions from 50+ countries around the world. These submissions underwent a double-blind peer review process. Of those 514 submissions, 160 submissions (including 15 posters) have been selected to be included in this proceedings. The published proceedings has been divided into three volumes covering a wide range of conference tracks, such as technology trends, computing, intelligent systems, machine vision, security, communication, electronics and e-learning to name a few. In addition to the contributed papers, the conference program included inspiring keynote talks. Their talks were anticipated to pique the interest of the entire computing audience by their thought-provoking claims which were streamed live during the conferences. Also, the authors had very professionally presented their research papers which were viewed by a large international audience online. All this digital content engaged significant contemplation and discussions amongst all participants.

Deep appreciation goes to the keynote speakers for sharing their knowledge and expertise with us and to all the authors who have spent the time and effort to contribute significantly to this conference. We are also indebted to the Organizing Committee for their great efforts in ensuring the successful implementation of the conference. In particular, we would like to thank the Technical Committee for their constructive and enlightening reviews on the manuscripts in the limited timescale.

We hope that all the participants and the interested readers benefit scientifically from this book and find it stimulating in the process. We are pleased to present the proceedings of this conference as its published record.

Hope to see you in 2021, in our next Computing Conference, with the same amplitude, focus and determination.

Kohei Arai

Contents

Demonstrating Advanced Machine Learning and Neuromorphic Computing Using IBM’s NS16e	1
Mark Barnell, Courtney Raymond, Matthew Wilson, Darrek Isereau, Eric Cote, Dan Brown, and Chris Cicotta	
Energy Efficient Resource Utilization: Architecture for Enterprise Network	12
Dilawar Ali, Fawad Riasat Raja, and Muhammad Asjad Saleem	
Performance Evaluation of MPI vs. Apache Spark for Condition Based Maintenance Data	28
Tomasz Haupt, Bohumir Jelinek, Angela Card, and Gregory Henley	
Comparison of Embedded Linux Development Tools for the WiiPiiDo Distribution Development	42
Diogo Duarte, Sérgio Silva, João M. Rodrigues, Salviano Pinto Soares, and António Valente	
FERA: A Framework for Critical Assessment of Execution Monitoring Based Approaches for Finding Concurrency Bugs	54
Jasmin Jahić, Thomas Bauer, Thomas Kuhn, Norbert Wehn, and Pablo Oliveira Antonino	
A Top-Down Three-Way Merge Algorithm for HTML/XML Documents	75
Anastasios G. Bakaoukas and Nikolaos G. Bakaoukas	
Traceability Framework for Requirement Artefacts	97
Foziah Gazzawe, Russell Lock, and Christian Dawson	
Haptic Data Accelerated Prediction via Multicore Implementation	110
Pasquale De Luca and Andrea Formisano	

Finding the Maximal Independent Sets of a Graph Including the Maximum Using a Multivariable Continuous Polynomial Objective Optimization Formulation	122
Maher Heal and Jingpeng Li	
Numerical Method of Synthesized Control for Solution of the Optimal Control Problem	137
Askhat Diveev	
Multidatabase Location Based Services (MLBS)	157
Romani Farid Ibrahim	
wiseCIO: Web-Based Intelligent Services Engaging Cloud Intelligence Outlet	169
Sheldon Liang, Kimberly Lebby, and Peter McCarthy	
A Flexible Hybrid Approach to Data Replication in Distributed Systems	196
Syed Mohtashim Abbas Bokhari and Oliver Theel	
A Heuristic for Efficient Reduction in Hidden Layer Combinations for Feedforward Neural Networks	208
Wei Hao Khoong	
Personalized Recommender Systems with Multi-source Data	219
Yili Wang, Tong Wu, Fei Ma, and Shengxin Zhu	
Renormalization Approach to the Task of Determining the Number of Topics in Topic Modeling	234
Sergei Koltcov and Vera Ignatenko	
Strategic Inference in Adversarial Encounters Using Graph Matching	248
D. Michael Franklin	
Machine Learning for Offensive Security: Sandbox Classification Using Decision Trees and Artificial Neural Networks	263
Will Pearce, Nick Landers, and Nancy Fulda	
Time Series Analysis of Financial Statements for Default Modelling . . .	281
Kirill Romanyuk and Yuri Ichkitidze	
Fraud Detection Using Sequential Patterns from Credit Card Operations	287
Addisson Salazar, Gonzalo Safont, and Luis Vergara	
Retention Prediction in Sandbox Games with Bipartite Tensor Factorization	297
Rafet Sifa, Michael Fedell, Nathan Franklin, Diego Klabjan, Shiva Ram, Arpan Venugopal, Simon Demediuk, and Anders Drachen	

Data Analytics of Student Learning Outcomes Using Abet Course Files	309
Hosam Hasan Alhakami, Baker Ahmed Al-Masabi, and Tahani Mohammad Alsubait	
Modelling the Currency Exchange Rates Using Support Vector Regression	326
Ezgi Deniz Ülker and Sadik Ülker	
Data Augmentation and Clustering for Vehicle Make/Model Classification	334
Mohamed Nafzi, Michael Brauckmann, and Tobias Glasmachers	
A Hybrid Recommender System Combing Singular Value Decomposition and Linear Mixed Model	347
Tianyu Zuo, Shenxin Zhu, and Jian Lu	
Data Market Implementation to Match Retail Customer Buying Versus Social Media Activity	363
Anton Ivaschenko, Anastasia Stolbova, and Oleg Golovnin	
A Study of Modeling Techniques for Prediction of Wine Quality	373
Ashley Laughter and Safwan Omari	
Quantifying Apparent Strain for Automatic Modelling, Simulation, Compensation and Classification in Structural Health Monitoring	400
Enoch A-iyeh	
A New Approach to Supervised Data Analysis in Embedded Systems Environments: A Case Study	416
Pamela E. Godoy-Trujillo, Paul D. Rosero-Montalvo, Luis E. Suárez-Zambrano, Diego H. Peluffo-Ordoñez, and E. J. Revelo-Fuelagán	
Smart Cities: Using Gamification and Emotion Detection to Improve Citizens Well Fair and Commitment	426
Manuel Rodrigues, Ricardo Machado, Ricardo Costa, and Sérgio Gonçalves	
Towards a Smart Interface-Based Automated Learning Environment Through Social Media for Disaster Management and Smart Disaster Education	443
Zair Bouzidi, Abdelmalek Boudries, and Mourad Amad	
Is Social Media Still “Social”?	469
Chan Eang Teng and Tang Mui Joo	
Social Media: Influences and Impacts on Culture	491
Mui Joo Tang and Eang Teng Chan	

Cost of Dietary Data Acquisition with Smart Group Catering	502
Jiapeng Dong, Pengju Wang, and Weiqiang Sun	
Social Engineering Defense Mechanisms: A Taxonomy and a Survey of Employees' Awareness Level	521
Dalal N. Alharthi and Amelia C. Regan	
How Information System Project Stakeholders Perceive Project Success	542
Iwona Kolasa and Dagmara Modrzejewska	
Fuzzy Logic Based Adaptive Innovation Model	555
Bushra Naeem, Bilal Shabbir, and Juliza Jamaludin	
A Review of Age Estimation Research to Evaluate Its Inclusion in Automated Child Pornography Detection.	566
Lee MacLeod, David King, and Euan Dempster	
A Comprehensive Survey and Analysis on Path Planning Algorithms and Heuristic Functions	581
Bin Yan, Tianxiang Chen, Xiaohui Zhu, Yong Yue, Bing Xu, and Kai Shi	
Computational Conformal Mapping in Education and Engineering Practice	599
Maqsood A. Chaudhry	
Pilot Study of ICT Compliance Index Model to Measure the Readiness of Information System (IS) at Public Sector in Malaysia	609
Mohamad Nor Hassan and Aziz Deraman	
Preliminary Experiments on the Use of Nonlinear Programming for Indoor Localization	629
Stefania Monica and Federico Bergenti	
Improved Deterministic Broadcasting for Multiple Access Channels . . .	645
Bader A. Aldawsari and J. Haadi Jafarian	
Equivalent Thermal Conductivity of Metallic-Wire for On-Line Monitoring of Power Cables	661
M. S. Al-Saud	
A Novel Speed Estimation Algorithm for Mobile UE's in 5G mmWave Networks	673
Alawi Alattas, Yogachandran Rahulamathavan, and Ahmet Kondo	
In-App Activity Recognition from Wi-Fi Encrypted Traffic	685
Madushi H. Pathmaperuma, Yogachandran Rahulamathavan, Safak Dogan, and Ahmet M. Kondo	
A Novel Routing Based on OLSR for NDN-MANET	698
Xian Guo, Shengya Yang, Laicheng Cao, Jing Wang, and Yongbo Jiang	

A Comparative Study of Active and Passive Learning Approaches in Hybrid Learning, Undergraduate, Educational Programs	715
Khalid Baba, Nicolas Cheimanoff, and Nour-eddine El Faddouli	
Mobile Learning Adoption at a Science Museum	726
Ruel Welch, Temitope Alade, and Lynn Nichol	
Conceptualizing Technology-Enhanced Learning Constructs: A Journey of Seeking Knowledge Using Literature-Based Discovery . . .	746
Amalia Rahmah, Harry B. Santoso, and Zainal A. Hasibuan	
Random Sampling Effects on e-Learners Cluster Sizes Using Clustering Algorithms	760
Muna Al Fanah	
Jupyter-Notebook: A Digital Signal Processing Course Enriched Through the Octave Programming Language	774
Arturo Zúñiga-López, Carlos Avilés-Cruz, Andrés Ferreyra-Ramírez, and Eduardo Rodríguez-Martínez	
A Novel Yardstick of Learning Time Spent in a Programming Language by Unpacking Bloom's Taxonomy	785
Alcides Bernardo Tello, Ying-Tien Wu, Tom Perry, and Xu Yu-Pei	
Assessing and Development of Chemical Intelligence Through e-Learning Tools	795
E. V. Volkova	
Injecting Challenge or Competition in a Learning Activity for Kindergarten/Primary School Students	806
Bah Tee Eng, Insu Song, Chaw Suu Htet Nwe, and Tian Liang Yi	
Author Index	827