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IEEE 2018 International Congress on Cybermatics **iThings/GreenCom/CPSCoM/_ SmartData/Blockchain/CIT** **2018**

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| <i>Ritu Chaturvedi (University of Guelph), Veerpal Brar (University of Toronto), Jai Geelal (University of Toronto), and Kelvin Kong (University of Toronto)</i> | |
| Application of Birth Defect Prediction Model Based on C5.0 Decision Tree Algorithm | 1867 |
| <i>Junmei Guo (Qilu University of Technology (Shandong Academy of Sciences)), Haiying Liu (Qilu University of Technology (Shandong Academy of Sciences)), Yizhong Luan (Institute of Marine Science and Technology, Shandong University), and Yun Wu (Guizhou University)</i> | |
| Detecting Vulnerable Java Classes Based on the Analysis of Java Library Call Graph | 1872 |
| <i>Hyosung Park (Inha University), Chulwoo Park (Inha University), SangBong Yoo (Inha University), and Kichang Kim (Inha University)</i> | |

CIT-8: Systems

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| Topological Response to Deadlock Detection and Resolution in Real-Time Database Systems | 1880 |
| <i>Waqar Haque (University of Northern British Columbia), Adam Vezina (University of Northern British Columbia), and Matthew Fontaine (University of Northern British Columbia)</i> | |
| A Collaborative Location Querying Method Based On Caching Information | 1888 |
| <i>Xin Lyu (Hohai University), Juan Chen (Hohai University), Tao Zeng (Hohai University), and Chenglong Li (Hohai University)</i> | |
| Evaluation on Applicability of Measurement-Based Join Cost Calculation Method Using Different Generation CPUs | 1894 |
| <i>Tsuyoshi Tanaka (Tokyo Metropolitan University) and Hiroshi Ishikawa (Tokyo Metropolitan University)</i> | |

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| Non-contact Method of Heart Rate Using a Webcam | 1902 |
| <i>Jin Zhao (Shanghai Normal University), Jifeng Huang (Shanghai Normal University), Guoqing Jia (Qinghai University for Nationalities), Xiaohong Ji (Qinghai University for Nationalities), and Lianhai Shan (Shanghai Internet of Things Co., Ltd.)</i> | |

CIT-9: Future Networks and Communications

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| Quality of Service Aware Dynamic BBU-RRH Mapping Based on Load Prediction Using Markov Model in C-RAN | 1907 |
| <i>Mostafa Mouawad (Ecole de Technologie Supérieure), Zbigniew Dziong (Ecole de Technologie Supérieure), and Muhammad Khan (Brunel University London)</i> | |
| Content Placement Aware Cache Decision: A Caching Policy Based On the Content Replacement Ratio for Information-Centric Network | 1913 |
| <i>Paulo Sena Ferreira Filho (Federal University of Para), Antônio Jorge Gomes Abelém (Federal University of Para), and Igor Furtado Carvalho (Federal University of Para)</i> | |
| Exploiting Buffer Overflow Vulnerabilities in Software Defined Radios | 1921 |
| <i>Seth Hitefield (Virginia Tech), Michael Fowler (Virginia Tech), and Charles Clancy (Virginia Tech)</i> | |

CIT-10: Industry 4.0 and Blockchain

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| Revisiting Industry 4.0 with a Case Study | 1928 |
| <i>Jiangning Chen (Siemens Corporation Technology) and Jiehan Zhou (University of Oulu)</i> | |
| Thin Implicit Utah Teapot: Design for Additive Manufacturing | 1933 |
| <i>Quan Qi (University of Hull) and Qingde Li (University of Hull)</i> | |
| Exploring Blockchain Technology for Capital Markets: A Case of Angel Fund | 1941 |
| <i>Shuchi Ernest Chang (National Chung Hsing University) and Siao Yin He (National Chung Hsing University)</i> | |

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