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| BigCyberSecurity 2020  **The 2st IEEE International Workshop on Big Data Analytics for Cyber Security and Defence**  In conjunction with 5th IEEE Cyber Science and Technology Congress ([CyberSciTech 2020](http://cyber-science.org/2019/))  June 22-26, 2020, Calgary, Canada  CALL FOR PAPERS  Due to the rising intensity of cyber-attacks, information leakage incidents and other security breaches are continuously occurring and result in huge financial losses, public safety issues, and other detrimental consequences. Therefore, it is urgent to protect cyber systems including hardware, software and data against advanced cyber-attacks such as zero-day attacks and advanced persistent threats. Cyber-attacks are becoming more sophisticated and difficult to detect and fight. Big data analytics is an appealing idea to address this challenge, which is effective for examining and detecting irregularities and abnormal patterns. Big data analytics for cyber security and defences involve the ability to collect and gather massive amounts of data in multiple sources (e.g., Internet, network traffic, online social networks, and public IoT infrastructure), the ability to identify, analyse, and validate security vulnerabilities, the ability to sense, assess, and alert public safety issues, and the ability to predict, detect, and stop cyber-attacks. The goal of the workshop is to bring together a community of researchers and practitioners who study problems at the intersection of cyber science, data science, security, public safety, and network science.  TOPICS:  Workshop suggested topics include, not exhaustively, empirical and theoretical studies of the following:   * System security * IoT security * Network security * Hardware security * Mobile and cloud computing security * Social network security * Anomaly & Intrusion Detection * Data-driven security and measurement studies * Blockchain security * Public safety | **Program Chairs:** |
| **Chenxu Wang**  Xi’an Jiaotong University, China  (cxwang@mail.xjtu.edu.cn)  **Yanhua Li**  Worcester Polytechnic Institute, USA  (yli15@wpi.edu) |
| Technical Program Committee  Pinghui Wang, Xi’an Jiaotong University, China  Yongkun Li, University of Science and Technology of China, China  Hong Xie, Chongqing University, China  Lei Xue, The Hong Kong Polytechnic University, Hong Kong  Ting Chen, University of Electronic Science and Technology of China, China  Tao Qin, Xi’an Jiaotong University, China  Ming Fan, Nanyang Technological University, Singapore  Junzhou Zhao, Xi’an Jiaotong University, China  Jingwei Li, University of Electronic Science and Technology of China, China  Qi Xia, University of Electronic Science and Technology of China, China |
| Important Dates  Submission Due: **April 30, 2019**  Authors Notification: **May 25, 2019**  Camera-ready: **June 20, 2019** |
| Submission:  All accepted papers will be published by IEEE in Conference Proceedings (IEEE-DL and EI indexed).  [**Link**](https://edas.info/index.php?c=25734) |

