

The 6th IEEE International Conference on Data Science and Systems

DSS-2020 (Virtual Conference)

14-16 December 2020, Fiji

Organizing Committee	Data Science and Systems				
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	<p style="text-align: center;">IEEE DSS-2020 Topics</p> <table border="0"> <tr> <td data-bbox="739 1174 1271 1410"> <p>Track 1: Data Science</p> <ul style="list-style-type: none"> ✧ Foundational theories and models ✧ Data classification and taxonomy ✧ Data metrics and metrology ✧ Machine learning and deep learning ✧ Data provenance ✧ Security, privacy and trust in data </td> <td data-bbox="1271 1174 1806 1410"> <p>Track 3: Data Systems</p> <ul style="list-style-type: none"> ✧ Storage and file systems ✧ High performance access toolkits ✧ Compiler and runtime support ✧ Real-time data intensive systems ✧ Multi/many-core platforms ✧ Big data and cloud computing </td> </tr> <tr> <td data-bbox="739 1410 1271 1646"> <p>Track 2: Data Processing Technology</p> <ul style="list-style-type: none"> ✧ Data sensing, fusion and mining ✧ Data representation and processing ✧ Knowledge discovery ✧ Information visualization ✧ Meta-data management ✧ Remote data access </td> <td data-bbox="1271 1410 1806 1646"> <p>Track 4: Data Applications</p> <ul style="list-style-type: none"> ✧ Business and finance applications ✧ Industrial data applications ✧ Healthcare and medical services ✧ Applications in soil and water ✧ HPC systems for data applications ✧ Future data applications </td> </tr> </table>	<p>Track 1: Data Science</p> <ul style="list-style-type: none"> ✧ Foundational theories and models ✧ Data classification and taxonomy ✧ Data metrics and metrology ✧ Machine learning and deep learning ✧ Data provenance ✧ Security, privacy and trust in data 	<p>Track 3: Data Systems</p> <ul style="list-style-type: none"> ✧ Storage and file systems ✧ High performance access toolkits ✧ Compiler and runtime support ✧ Real-time data intensive systems ✧ Multi/many-core platforms ✧ Big data and cloud computing 	<p>Track 2: Data Processing Technology</p> <ul style="list-style-type: none"> ✧ Data sensing, fusion and mining ✧ Data representation and processing ✧ Knowledge discovery ✧ Information visualization ✧ Meta-data management ✧ Remote data access 	<p>Track 4: Data Applications</p> <ul style="list-style-type: none"> ✧ Business and finance applications ✧ Industrial data applications ✧ Healthcare and medical services ✧ Applications in soil and water ✧ HPC systems for data applications ✧ Future data applications
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Important Dates	Special Issues				
<p>Workshop Proposal: Jun. 30, 2020 Submission Deadline: Sept. 01, 2020 -> Sept. 25, 2020 Authors Notification: Oct. 15, 2020 -> Oct. 25, 2020 Camera-ready Due: Nov. 10, 2020 -> Nov. 15, 2020 Virtual Conference: Dec. 14-16, 2020</p>	<ol style="list-style-type: none"> 1. Information Fusion (IF: 13.669) SI on Fusion from Big Data to Smart Data 2. Information Fusion (IF: 13.669) SI on Data Fusion for Trust Evaluation 3. IEEE Transactions on Industrial Informatics (IF: 9.112) SI on Digital Twinning: Integration AI-ML and Big Data Analytics for Virtual Representation 4. Future Generation Computer Systems (IF: 6.125) SI on Artificial Intelligence for Cyber Defence and Smart Policing 5. Digital Communications and Networks (IF: 5.382) SI on Blockchain-enabled Technologies for Cyber-Physical Systems and Big Data Applications 6. IEEE Transactions on Network Science and Engineering (IF: 5.213) SI on Computing and Networking for Cyber-Physical-Social Systems 7. IEEE/CAA Journal of Automatics Sinica (IF: 5.129) SI on Blockchain for IoTs and Cyber-Physical Systems: Emerging Trends, Issues and Challenges 8. Neurocomputing (IF: 4.438) SI on Edge Intelligence: Neurocomputing Meets Edge Computing 9. Journal of Cloud Computing (IF: 2.788) SI on Security and Privacy Issues for AI in Edge-Cloud Computing 10. Journal of Systems Architecture (IF: 2.552) SI on Ubiquitous Edge Computing for Next Generation IoT and 6G: Architecture, Modelling and Systems 11. Journal of Systems Architecture (IF: 2.552) SI on High-Performance-Computing-Communications for Cyber-Physical-Social Systems 12. MDPI Electronics (IF: 2.412) SI on Blockchain-based Technology for Mobile Applications 13. Software: Practice and Experience (IF: 1.786) SI on Software and Hardware Co-Design for Sustainable Cyber-Physical Systems 				
Paper Submission					
<p>All papers need to be submitted electronically through the conference submission website https://edas.info/N27664 with PDF format. The materials presented in the papers should not be published or under submission elsewhere. Each paper is limited to 8 pages (or 10 pages with over length charge) including figures and references using IEEE Computer Society Proceedings Manuscripts style (two columns, single-spaced, 10 fonts). For further information, please visit our website: http://cse.stfx.ca/~dss/2020/.</p>					
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