

The 6th IEEE International Conference on Smart Data (SmartData-2020)
Special Session on
Smart Education and Services
November 02–06, 2020, Rhodes Island, Greece

Smart education and services aims to filter out the noisy data and produce valuable educational services, which can be effectively used by teachers, educators and governments for planning, monitoring, and intelligent decision making. Although unprecedentedly large amount of educational data can be collected with the advancement of the information systems and sensor devices, the key is to explore how big data can become smart data and offer intelligent educational services. Advanced Smart/Big data modeling and analytics are indispensable for discovering the underlying structure from retrieved educational data and further providing more intelligent educational services.

This is a special session of the 6th IEEE International Conference on Smart Data (SmartData-2020). This special session aims to collect the latest original contributions in educational Smart/Big data and intelligent services, and offer new ideas, experiences and discussions by experts in this field. We encourage the submission of papers with new theory, analysis, methods, and applications.

All papers need to be submitted electronically through the conference submission website in PDF format at <https://edas.info/N27620>. Each paper is limited to 8 pages (or 10 pages with over-length charge) for a main conference paper, 6 pages for a workshop paper, and 2-4 pages for a poster paper including figures and references using the IEEE Computer Society Proceedings manuscripts style (two columns, single-spaced, font size 10). You can access the IEEE Computer Society Proceedings Author Guidelines from the following link: <https://www.ieee.org/conferences/publishing/templates.html>.

Accepted conference papers will be published by IEEE (IEEE-DL and EI indexed). Selected papers, after further extensions and revisions, will be nominated to publish at various special issues of SCI and EI journals. More details can be found at the conference website: <http://cse.stfx.ca/~cybermathics/2020/smartdata/>.

Topics include but are not limited to:

System Architecture and Infrastructure of Educational Smart/Big Data
Collection and Integration of Educational Smart/Big Data
Storage and Management of Educational Smart/Big Data
Intelligent Data Fusion of Educational Smart/Big Data
Security and Privacy of Educational Smart/Big Data
Data Inference in Educational Smart/Big Data
Accurate Prediction in Educational Smart/Big Data
Machine Learning/Deep Learning in Educational Smart/Big Data
Intelligent Applications in Educational Smart/Big Data
Visualization Analytics for Educational Smart/Big Data
Educational Smart/Big Data Metrics and Metrology
Ethic Issues in Educational Smart/Big Data Applications

Journal Special Issues

1.Information Fusion (IF: 13.669)

Special Issue: Fusion from Big Data to Smart Data

<https://www.journals.elsevier.com/information-fusion/call-for-papers/special-issue-on-fusion-from-big-data-to-smart-data>

2.Information Fusion (IF: 13.669)

Special Issue: Data Fusion for Trust Evaluation

<https://www.journals.elsevier.com/information-fusion/call-for-papers/special-issue-on-data-fusion-for-trust-evaluation>

3.IEEE Transactions on Industrial Informatics (IF: 9.112)

Special Issue: Digital Twinning: Integrating AI-ML and Big Data Analytics for Virtual Representation

http://www.ieee-ies.org/images/files/tii/ss/2020/Digital_Twinning_Integrating_AI-ML_and_Big_Data_Analytics_for_Virtual_Representation_2020-4-30.pdf

4.IEEE Transactions on Network Science and Engineering (IF: 5.213)

Special Issue: Computing and Networking for Cyber-Physical-Social Systems

<https://www.comsoc.org/publications/journals/ieee-tNSE/cfp/computing-and-networking-cyber-physical-social-systems>

5.Future Generation Computer Systems (IF: 6.125)

Special Issue: Artificial Intelligence for Cyber Defence and Smart Policing

<https://www.journals.elsevier.com/future-generation-computer-systems/call-for-papers/artificial-intelligence-for-cyber-defence-and-smart-policing>

6.IEEE/CAA Journal of Automatics Sinica (IF: 5.129)

Special Issue: Blockchain for Internet-of-Things and Cyber-Physical Systems: Emerging Trends, Issues and Challenges

http://www.ieee-jas.org/news/news_en/9248195c-6d90-4868-9962-263ed9ba12f3_en.htm

7.Journal of Cloud Computing (IF: 2.788)

Special Issue: Security and Privacy Issues for AI in edge-Cloud Computing

<https://journalofcloudcomputing.springeropen.com/securityprivacyaiedgecloud?from=singlemessage>

8.MDPI Electronics

Special Issue: Blockchain-based Technology for Mobile Application

https://www.mdpi.com/journal/electronics/special_issues/BTMA

9.Software: Practice and Experience

Special Issue: Software and Hardware Co-Design for Sustainable Cyber-Physical Systems

https://onlinelibrary.wiley.com/pb-assets/assets/page/journal/1097024x/SI_softandhard.pdf

Important Dates

Paper submission: ~~June 15, 2020~~ Extended to July 15, 2020

Notification of acceptance: ~~July 31, 2020~~ Extended to Aug. 15, 2020

Camera-ready version: Sep. 02, 2020

Special Session Chairs

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