



Xi'an, China



October 22-25



## Call for Papers

### ***Data Science & Blockchain (A Springer LNCS Volume)***

*Some papers may be selected for publication in journals*

**Incentives are available for authors**

The DSBC (Data Science & Blockchain) 2018 workshop will be held on October 22 - 25, 2018 in Xi'an, China (affiliated with **International Conference on Conceptual Modeling (ER2018)**, <http://www.nwpu-bioinformatics.com/ER2018/> ). Since we just received external funding for the workshop, we are looking for additional high-quality research or visionary papers to be included in the post-workshop proceedings to be published in early 2019 in the LNCS series by Springer. *Physical or virtual participation of the workshop is welcome but not required.*

Topics of interest include, but are not limited to:

#### **Data Science & Analytics:**

- Data Analytics/Integration & Analytics Maturity Models
- Data science techniques for system design
- New algorithms for extracting embedded conceptual models (entities and relationships) from big data
- Applications of data sciences

#### **Blockchain:**

- Theories, protocols, and algorithms of blockchain
- Models of Blockchain
- Smart Contracts; Security and privacy of Blockchain
- Performance evaluation/optimization of Blockchain
- Applications of blockchain (such as Identification, Voting, Real estate, finance, medical, drug, IoT, access control, etc.)
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#### **Students encouraged to submit abstracts and papers**

Each of the first 20 student abstracts (submitted by Sept 25) will be given \$25 Amazon/iTunes/google-play card (or equivalent) to support their research (one per university; has to use university email addresses and be the first author). After completing submission via easychair, please send your submission number, department name, and preferred type of gift card to [DSBC2018mail@gmail.com](mailto:DSBC2018mail@gmail.com), and the incentive bonuses will be sent out quickly.

#### **Financial support available for those who are interested in virtual participation**

We will select some of the authors who are interested in virtual participation of the DSBC2018 workshop, A \$50 in Amazon/iTunes card (or equivalent) per paper will be provided to compensate partially the efforts and costs of performing remote presentation. The virtual participation should be conducted by the most senior author of the paper.

## Workshop Chairs & Program Committee

- Peter Chen, Carnegie Mellon University, USA, [PeterChen@cmu.edu](mailto:PeterChen@cmu.edu)
- Carson Woo, The University of British Columbia, Canada, [Carson.Woo@sauder.ubc.ca](mailto:Carson.Woo@sauder.ubc.ca)

Program Committee Members:

- Arne Solvberg, NTNU, Norway
- Rong Chang, IBM Research
- Oscar Pastor, Universitat Politècnica de València, Spain
- Hasan Yasar, Software Engineering Institute, CMU, USA
- Heinrich C. Mayr, Alpen-Adria-Universität Klagenfurt, Austria

## Important Dates (for inclusion in LNCS volume)

- Submission of abstracts: ASAP, preferably by September 25, 2018.
- Submission of an extended abstract (3+ pages) or a full paper: October 5.
- Invitation of submitting a revised full paper: Oct 8.
- Submission of the revised paper: October 15.
- Notification of acceptance for publication: Oct 30.
- Camera-ready paper due: November 25, 2018.

**Special Journal Issues:** Selected papers may be chosen for submitting an extended version for publication in a special issue of *Data & Knowledge Engineering* (an Elsevier journal) (<https://www.journals.elsevier.com/data-and-knowledge-engineering/>) and other journals such as “Frontiers in Blockchain.”

## Submissions Formatting Guidelines

Submitted papers must be original and not submitted or accepted for publication in any other workshop, conference, or journal. Papers must be in English and submitted as Word or PDF-files. Any standard formats (such as Springer LNCS, IEEE, ACM, etc.) will be acceptable for initial evaluation.

Camera-ready papers (due: November 25) will need to be reformatted in the Springer LNCS style and format.

## Submission Guidelines

Submission to DSBC 2018 will be electronically only. Please submit your abstracts, papers, or other proposals via EasyChair at <http://www.easychair.org/conferences/?conf=er2018>. If there is a problem with the EasyChair system, you may submit to [DSBC2018mail@gmail.com](mailto:DSBC2018mail@gmail.com). If you still run into problems, contact the Workshop Co-chair: [PeterChen@cmu.edu](mailto:PeterChen@cmu.edu).

## For those who can participate in person at the workshop in Xi'an, China

If you can be in Xi'an in person to be a speaker/panelist, that will be welcome. Limited funds are available based on needs, quality of paper/proposals, and qualifications. We plan to support a significant number of workshop participants by covering either (1) the conference registration fees, **or** (2) a portion of the travel expenses. We may do more in special cases. Please send your requests and bio ASAP to [DSBC2018mail@gmail.com](mailto:DSBC2018mail@gmail.com).

For a paper to be included in the LNCS volume, you will still need to go through the abstract/paper submission and the evaluation process as described in the “Important Dates”.