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**International Conference on
“Data Analytics and Management in Data Intensive Domains”,
DAMDID/RCDL’2018**



Moscow State University, October 9 - 12, 2018

http://damdid2018.frccsc.ru/en/conference_short.html

Call for Contributions

Aims and scope. Exponential growth of data practically in all human activity areas, consolidating role to be played by informatics and IT for the development of methods and facilities for data analysis and management in various data intensive domains (DID), study of experience in applying these methods and stimulating their advancement have motivated organization of this conference. Main objective of this conference is to promote the acceleration of researches, improvement of their efficiency (quality and visibility of results, competitive ability) at the expense of the enhancement of methods and facilities for data analysis and management in DID. It is expected that the mutual complementarity of approaches in interdisciplinary DID will contribute to the creation of the corporate culture generalizing methods for data analysis and infrastructures development applicable in diverse DID.

Target audience. DAMDID conference is a multidisciplinary forum of researchers and practitioners from various domains of science and research promoting cooperation and exchange of ideas in the area of data analysis and management in DID (domain is data intensive if its development is induced by elaboration of data that not necessarily might be “Big”). For participation at the conference the specialists from such DID as X-informatics (where X = astro, bio, chemo, geo, medicine, neuro, physics, etc.), social science, economy, etc., as well from the areas of statistics, informatics, data mining, machine learning, data science, new technologies and IT, business, etc. are invited.

Host organizers

- Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences
- Lomonosov Moscow State University
- Moscow ACM SIGMOD Chapter

Venue. The XX International Conference “Data Analytics and Management in Data Intensive Domains” (DAMDID/RCDL’2018) will be held during 9 - 12 October 2018 in Moscow at the Lomonosov Moscow State University. Information on transport and accommodation can be found at the [website](#). **Two days before and after the conference it is planned also to organize meetings and discussions with the conference participants at the institutes of the RAS, Moscow State University, along with some social programs in Moscow.**

Important dates

- Submission deadline for papers May 15, 2018
- Submission deadline for tutorials April 20, 2018
- Notification of acceptance June 29, 2018
- Deadline for camera-ready versions of the accepted papers August 03, 2018
- Conference October 9 - 12, 2018

Categories of submissions. The conference structure will include the plenary keynotes and tutorials presented by the leading researchers, regular sessions containing regular and short presentations of the research results obtained in various conference tracks, as well as demo/poster sessions. English is the official language of the conference. For young researchers the PhD Workshop is planned. Co-located with the conference the Satellite events are also planned including workshops (open and by invitation) and invited sessions. Paper submission rules and templates can be found at the [website](#).

Conference topics. The open list of topics proposed for submission is organized in form of the tracks presented in the list given below (detailed characterization of each track can be found at the [website](#)).

Tracks of the sphere for data analytics and problem solving in DID

- Peculiarities of data in DID
- Problem statement and solving in DID
- Organization of experiments in DID
- Hypotheses and models (as constituents of research experiments in DID)
- Advanced data intensive analysis methods and procedures
- Conceptual modeling of a universe of discourse in DID
- Application of data intensive analysis in DID research

Tracks of the sphere for data management in DID

- Data integration in DID
- Data extraction from texts
- Research data infrastructures and their applications in DID
- Semantic Web role in DID

Conference Proceedings. Conference Proceedings will be **published locally** before the conference as a collection of full texts of all accepted by the Program Committee regular and short papers, abstracts of posters and demos. Soon after the conference the texts of regular papers presented at the conference will be submitted for online publishing in a volume of **the European repository of the CEUR Workshop Proceedings**, as well as for indexing the volume content in DBLP and Scopus. Furthermore, a volume of post-conference proceedings with up to one third selected and extended papers published before in CEUR WS will be **published with Springer in their Communications in Computer and Information Science series**. Each paper selected for the CCIS post-conference volume should be modified as follows: the title of each paper should be a new one; paper should be significantly extended (with at least 30 per cent of new content); the paper should refer to its original version in CEUR-WS. CCIS is abstracted/indexed in DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago, and Scopus. DAMDID/RCDL has been publishing with Springer in CCIS since 2016.

Program Committee Co-chairs

- Leonid Kalinichenko, Federal Research Center “Computer Science and Control” of RAS, Russia
- Yannis Manolopoulos, Open University of Cyprus, Greece