

International Conference on “Data Analytics and Management in Data Intensive Domains”, DAMDID/RCDL’2017



Lomonosov Moscow State University, October 10-13, 2017

http://damdid2017.frccsc.ru/ru/conference_short.html

Call for Contributions

Aims and scope. Exponential growth of data practically in all 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 data intensive domains (DID). 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, finance, etc., as well as specialists in 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 (FRC CSC RAS)
- The faculty of Computational Mathematics and Cybernetics of Lomonosov Moscow State University (CMC MSU)
- National Research Nuclear University MEPhI (NRNU MEPhI)
- Moscow ACM SIGMOD Chapter

Venue. The XIX International Conference “Data Analytics and Management in Data Intensive Domains” (DAMDID/RCDL’2017) will be held during 10 -13 October 2017 in Moscow at The faculty of Computational Mathematics and Cybernetics of Lomonosov Moscow State University. Information on transport and accommodation can be found at [website](#). **Two days before and after the conference it is planned also to organize in Moscow meetings and discussions with the conference participants at the institutes of the RAS, Lomonosov Moscow State University, Moscow Engineering and Physics Institute, along with some social program in Moscow.**

Important dates

- Submission deadline for papers June 18, 2017
- Submission deadline for tutorials June 04, 2017
- Notification of acceptance July 20, 2017
- Deadline for camera-ready versions of the accepted papers August 15, 2017
- Conference October 10-13, 2017

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 and Russian are official languages of the conference with the synchronous translation. 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 regular and short papers, abstracts of posters and demos. Texts of regular papers will be published **in the European repository of the CEUR Workshop Proceedings**. Furthermore, a volume of post-conference proceedings with selected and extended papers published before in CEUR WS will be **published in English with Springer in their Communications in Computer and Information Science series**. The papers published in CEUR WS as well as in Springer CCIS are indexed in Scopus.

Program Committee Co-chairs

- Leonid Kalinichenko, Federal Research Center “Computer Science and Control” of RAS, Russia
- Yannis Manolopoulos, Aristotle University of Thessaloniki, Greece
- Dmitry Namiot, The faculty of Computational Mathematics and Cybernetics of Lomonosov Moscow State University, Russia