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**International Conference on “Data Analytics and Management in Data Intensive Domains”,
DAMDID/RCDL’2016**

Holiday Center “Ershovo” and Moscow, October 11-14, 2016

<http://damdid2016.frccsc.ru>

Call for Contributions

Aims and scope. The exponential growth of data practically in all human activity areas, the 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), the study of experience in applying these methods and stimulating their advancement have motivated the organization of this conference.

The main objective of this conference is to promote 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 information systems 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 RAS (FRC CSC RAS)
- National Research University Higher School of Economics (NRU HSE)
- National Research Nuclear University MEPhI (NRNU MEPhI)
- Moscow ACM SIGMOD Chapter

Venue. The XVIII International Conference “Data Analytics and Management in Data Intensive Domains” (DAMDID/RCDL’2016) will be held during 11-14 October 2016 at the Ershovo Holiday Center, about 50 km from Moscow (about 1 hour from Moscow by car or by train). Information on transport and accommodation can be found at the conference [website](#). Two days before and after the conference it is planned to organize meetings and discussions with the conference participants at Moscow institutes of the RAS, Moscow state university, Higher School of Economics, Moscow Engineering and Physics Institute (the photos of some of the buildings pls. find below), along with some social program in Moscow.

Important dates

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| • Submission deadline for papers | May 27, 2016 |
| • Submission deadline for tutorials | May 31, 2016 |
| • Notification of acceptance | July 11, 2016 |
| • Deadline for camera-ready versions of the accepted papers | August 5, 2016 |
| • Conference | October 11-14, 2016 |

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 conference [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 conference [website](#)).

Tracks of the sphere for data analytics and problem solving in data intensive domains (DID)

- Specificity 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 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, as well as in electronic form on the conference website. Texts of regular papers will be submitted for publication as post-proceedings in the European repository of the CEUR Workshop Proceedings. Furthermore, a volume of post-proceedings with selected papers from DAMDID/RCDL'2016 will be published in Springer series in Communications in Computer and Information Science (provided that enough number of good papers in English has been submitted). Authors should follow specific submission guidelines as explained at the conference [website](#).

Program Committee Co-chairs

- Leonid Kalinichenko, Federal Research Center “Computer Science and Control” of RAS, Russia
- Sergei O. Kuznetsov, National Research University Higher School of Economics, Russia
- Yannis Manolopoulos, Aristotle University of Thessaloniki, Greece

