

## Curriculum vitae

### DINARA GAGARINA

Associate Professor,  
Candidate of Pedagogical Science,

Perm State University, Russia



#### CONTACTS:

Perm State University (other name Perm State National Research University),  
Center for Digital Humanities;  
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#### PERSONAL DATA:

Born December 20, 1980.

#### LANGUAGES:

- Russian (native).
- English (Upper Intermediate).
- German (A2).

#### EDUCATION:

##### Main:

- Master course “Mathematics. Mathematical modeling”, Perm State University, Russia, 2002-2004, MA diploma with honours.
- Bachelor course “Mathematics. Applied mathematics”, Perm State University, Russia, 1998-2002, BA diploma with honours.
- Gymnasium 17 (Math profile), Perm, Russia, 1998.

##### Additional:

- Program “TXM technology”, Laboratory ICAR, University of Lyon, France, 2015.
- PhD course “Informatization of education (eLearning)”, Perm State University, Russia, 2005-2008.
- Program “Scientific and educational information systems for historians” (total 70 hours), Historisch-Kulturwissenschaftliche Informationsverarbeitung, University of Cologne, Germany, under the direction of Prof. Dr. Manfred Thaller, 2007.

- Program “Information technologies in teaching humanities” (total 70 hours), Abt. f. Historische Fachinformatik und Dokumentation, Institute für Geschichte, University of Graz, Austria, under the direction of Prof. Dr. Ingo H. Kropac, 2007.
- School and workshops “Textual heritage and modern information technologies El’manuscript” (total 4\*72 hours), Kazan, Russia, 2008; Izhevsk, Russia, 2009; Ufa, Russia, 2010; Varna, Bulgaria, 2014.
- Program “Academic communication in English” (total 72 hours), Perm State University, 2010.

#### DISSERTATIONS:

- Candidate of Pedagogical Science (Russian equivalent of Ph.D.): “Highly-developed information educational environment of the university as a tool of formation of higher education humanitarian component (on example of the course of Russia’s history)”. Russian Academy of Education, Institute for Teaching Content and Methods, Moscow, 2009.
- Master’s dissertation in mathematical modeling: “Semantic subsumption network of scientific concepts and its remote testing system”. Perm State University, 2004.

#### EMPLOYMENT and DUTIES:

- Department of Information Technologies, Faculty of Mechanics and Mathematics, Perm State University, 2004-present:
  - Lecturing, seminars and computer training carrying out;
  - Development of disciplines methodology and content;
  - Remote support of disciplines.
- Department of Russian Contemporary History, Faculty of History and Politology, Perm State University, 2009-present:
  - Lecturing, seminars and computer training carrying out;
  - Development of disciplines methodology and content;
  - Remote support of disciplines;
  - Master’s program curriculum development.
- Center for Digital Humanities (till 2016 – Historical and Political Information Science Laboratory), Perm State University, 2004-present:
  - Scientific projects management;
  - Participation in scientific project;
  - Funding applications and reports preparation;
  - Conferences and students contest organization;
  - Training of student teams for historical information science contests;
  - Laboratory and research projects websites development and management.

#### TEACHING COURSES:

- Computer science (base level).
- Mathematical methods in history and politology research.
- Information technologies in history and politology research.
- Principles of data analysis systems development.
- History-oriented information systems.
- Internet-resources for historical research and education.
- ICT in historical education.

#### SCIENTIFIC INTERESTS:

- Historical information science. Digital history and digital humanities. Computer source study. Cultural heritage preservation.
- History-oriented information systems and databases. Models, principals, design. Relational databases. Data storage and retrieval. Information systems for history researches. Web-applications.
- Mathematical modeling and quantitative methods in history.

- ELearning. ICT in teaching humanities. Information educational environments (IEE).

#### CURRENT AND RECENT RESEARCH:

##### Leadership:

- Information environment of historical education: model, resources, teaching methods (Russian Fund for Humanities, 2011-2012).

##### Participation:

- Formation of parliamentary subelite in late imperial Russia (Russian Foundation for Basic Research, 2016-2018).
- The Russian Revolution of 1917 and the Civil War in Perm Province Periodicals: Source Study Analysis (Russian Fund for Humanities, 2016-2017).
- History-oriented information systems: methodological, theoretical and applied problems of creation and use (Russian Foundation for Basic Research, 2013-2015), <http://digitalhistory.ru/>.
- Perm Province Periodicals (1914-1919) as a historical source for the First World War study: Information System Creation and Source Study Analysis (Russian Fund for Humanities, 2014-2015), <http://permnewspapers.ru/>.
- Parliamentary history of pre-revolutionary Russia: research and education portal (Russian Fund for Humanities, 2011-2013).
- Perm newspapers of Kolchak period: preservation, documentation and study by means of information technologies (Russian Fund for Humanities, 2011-2012).
- Manuscripts and early printed texts: recognition application development based on artificial intelligence technologies and parallel computing (Russian Foundation for Basic Research, 2009-2011)

#### PUBLICATIONS and PATENTS:

- Two books (monograph and methodical tutorial for teachers) and more than 40 articles (mostly in Russian), see list of publications.
- 21 peer reviewed publications (which published in “VAK” journals - Higher Attestation Commission under the Ministry of Education of Russia).
- 1 publication indexed in SCOPUS, ISI.
- Russian Science Citation Index (see <http://elibrary.ru/>): 54 publications, h-index 6.
- 4 certificates of the Federal Service for Intellectual Property (Russia) for databases and software, 2014-2016, co-author.

#### AWARDS:

- Prizewinner of young scientists’ papers contest at the XI Conference of the Association “History and Computer”, 2008.
- Laureate in the field of science of Perm State University, 2009;
- Laureate in the field of science of Perm Region, 2011.

#### OTHER:

- Founder and editor-in-chief of the educational robotics portal <http://edurobots.ru>.

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