

Curriculum vitae
DINARA GAGARINA



CONTACTS:

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PERSONAL DATA:

Born December 20, 1980.

LANGUAGES:

- Russian (native).
- English (Upper Intermediate).
- German (A1).

IT / MATH / DIGITAL HUMANITIES SKILLS:

- Data and project management in digital humanities.
- Programing skills: Python.
- Web-development: code and no-code, WordPress, CSS, HTML, PHP, Tilda.
- Relational databases: MySQL, Access.
- Mathematics: statistics, algebra, discrete mathematics, mathematical analysis, and other areas used for data analytics and data science.
- Knowledge representation, data modelling, semantic networks.
- High level of digital literacy.

EDUCATION:

Main:

- PhD course “Informatization of education (eLearning / Digital Education in History)”, Perm State University, Russia, 2005-2008.
- Master course “Mathematics. Mathematical modeling”, Perm State University, Russia, 2002-2004, MA diploma with honors.
- Bachelor course “Mathematics. Applied mathematics”, Perm State University, Russia, 1998-2002, BA diploma with honors.

Additional:

- Professional retraining program “History”, Perm State University, 2019.
- 7th, 8th, 9th, 10th, 12th European Summer University in Digital Humanities “Culture & Technology”, Leipzig University, Germany, 2016, 2017, 2018, 2019, 2022, each is 6 ECT. Courses:
 - Data Management for the Humanities;
 - Digital Research Infrastructures in the Humanities;
 - Procedural Creativity and Digital Humanities Scholarship;
 - Visual Artificial Intelligence for the Digital Humanities
 - Humanities Data and Mapping Environments;
 - Computer Vision Intervention;
 - Reflected Text Analysis in the Digital Humanities;
 - Text to Map.
- Summer School “Cultural Heritage and Future”, European Humanities University, Vilnius, Lithuania, 2022.
- Summer School “Beyond Editing: Advanced Solutions and Technologies”), DARIAH, Prague University, 2017.
- Program “TXM technology”, Laboratory ICAR, University of Lyon, France, 2015.
- 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), Russia, Bulgaria, 2008, 2009, 2010, 2014.

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, 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:

- HSE University, Perm campus:
 - Master’s program Digital Humanities, academic supervisor, 2020-present.
 - Group for Historical Research, head of group, 2021-present.
 - Department of Humanities, associate professor, 2021-present (part-time).
 - Faculty of Social Sciences and Humanities, dean, 2019-2021.
 - Department of Humanities, head of department, 2018-2019.
- HSE University, Moscow campus:
 - Center for Digital Humanities, acting director, 2022.
- Perm State University:
 - Center for Digital Humanities (till 2016 – Historical and Political Information Science Laboratory), researcher, project manager, 2004-2019.
 - Department of Information Technologies, Faculty of Mechanics and Mathematics, associate professor, 2004-2018.

- Department of Russian Contemporary History, Faculty of History and Political Science, Associate Professor, 2009-2018.

TEACHING COURSES:

- MOOC on Digital history <https://openedu.ru/course/hse/DIGHIST>
- Digital humanities: concepts and approaches.
- Public history.
- Digital projects for social and cultural institutions.
- Mathematic methods in historical research.
- Data science (base level).
- Digital education.

SCIENTIFIC INTERESTS:

- Digital history and digital humanities.
- Historical information systems and databases. Models, principals, design. Relational databases. Data storage and retrieval. Information systems for history research. Web-applications.
- Mathematical modeling and quantitative methods in history.
- Digital education. Digital humanities pedagogy.

CURRENT AND RECENT RESEARCH:

- Concepts and approaches of Digital Humanities: educational course development (Vladimir Potanin Foundation, 2017-2018), <http://dhumanities.ru/>.
- Information environment of historical education: model, resources, teaching methods (Russian Fund for Humanities, 2011-2012).
- Oral histoRies on the fAll of The irOn cuRtain (ORATOR) (Luxembourg University, 2019-present), <https://www.c2dh.uni.lu/events/oral-histories-fall-iron-curtain-orator>.
- Formation of parliamentary subelite in late imperial Russia (Russian Foundation for Basic Research, 2016-2018), <http://parliament.psu.ru>.
- The Russian Revolution of 1917 and the Civil War in Perm Province Periodicals: Source Study Analysis (Russian Fund for Humanities, 2016-2017), <http://permnewspapers.ru>.
- 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>.

PUBLICATIONS and PATENTS:

- 5 books and more than 40 articles.
- Russian Science Citation Index: 80 publications, https://elibrary.ru/author_profile.asp?id=501787.
- Google Scholar h-index 11: https://scholar.google.ru/citations?user=Z_ileHIAAAAJ.
- ResearcherID: 8 publications, <http://www.researcherid.com/rid/P-4333-2016>.
- ORCID: <https://orcid.org/0000-0002-9727-3974>.
- 6 certificates of the Federal Service for Intellectual Property (Russia) for databases and software.

OTHER:

- Author and coordinator of the project Creative Lab “Digital World”
<http://digitalworld.psu.ru/>
- Founder and editor-in-chief of the educational robotics portal <http://edurobots.ru>.

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Selected Publications by DINARA GAGARINA

BOOKS (in Russian):

1. Kornienko S., Gagarina D., Povroznik N. Historical information systems: theory and practice, HSE University press, 2021, 232 p.
2. Gagarina 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). Perm, 2009.
3. Gagarina D., Kornienko S. The formation of information-communication competence based on studying native history. Tutorial for teaches. Perm, 2007.
4. Gagarina D., Gagarin A. Robotics in Russia: an educational landscape / Ed.: D. Gagarina, S. Kosaretsky. Part 1. Moscow, HSE University, 2019.
5. Gagarina D., Kosaretsky S., Gagarin A., Goshin M. Robotics in Russia: an educational landscape / Ed.: S. Kosaretsky, D. Gagarina. Part 2. Moscow, HSE University, 2019.

SELECTED ARTICLES and ABSTRACTS (in English):

1. Ismakaeva I., Kornienko S., Gagarina D., Senina A. Digital approaches for studying elected representative institutions in late imperial Russia. In: Science and Global Challenges of the 21st Century – Science and Technology. Cham: Springer, 2022. Ch. 342. P. 919-926.
2. Gagarina D., Ismakaeva I. Public history and the digital turn (The Russian Case). In: Public History Weekly. 2021. T. 9. № 10.
3. Gagarina D. Making DH-course together. In: Digital Humanities 2018. Conference Abstracts.
4. Kornienko S., Gagarina D. The First World War in Perm provincial periodicals. In: Digital Humanities 2016. Conference Abstracts.
5. Gagarina D., Kornienko S. Digital editions of Russian provincial periodicals for scholarly usage. In: Digital Editions: Academia, Cultural Heritage, Society. Cologne, 2016.
6. Kornienko S., Aydarov, Y., Cherepanov F., Gagarina D., Yasnitskiy L. Manuscript and early printed text recognition application. In: Association Newsletter History and Computer. № 37. 2011. Pp. 62-65.
7. Gagarina D. Newspaper “Perm provincial sheets” 1838-1844's.: Problems of source-study research and historical and cultural heritage preservation. In: Documentation and Analysis of the Historical and Cultural Heritage by Historical Information Science Methods. Series of the Institute of History (University of Graz), vol. 18 / eds. by S. I. Kornienko and I. H. Kropač. Perm–Graz: Perm University. Pp. 90-99.

SELECTED ARTICLES (in Russian):

1. Gagarina D., Kornienko S. Digital Humanities: educational landscape. In: Istoriya. 2020. No. 3 (89). Pp. 1-15.
2. Gagarina D., Gagarin A. Educational robotics: analysis of market challenges. In: Educational Policy. 2021. No. 4 (88). Pp. 90-102.
3. Kornienko S., Gagarina D., Ismakaeva I., Maslov V. Migration as a factor in the social transformation of the regions of the USSR in the period of post-war reconstruction: the creation of a scientific and educational resource. In: Historical research in the context data sciences: information resources, analytical methods, and digital technologies. 2020. Pp. 50-52.
4. Gagarina D., Kornienko S. Digital optics: micro and macro in historical research. In: Perm University Herald. Series History. 2019. No. 3. Pp. 175-183.
5. Kornienko S., Gagarina D., Ehlakova A., Sotnik A. The Revolution of 1917 and the Civil War in the Perm provincial periodicals: from sources to the information system // Vlast. 2018. № 3.
6. Kornienko S., Gagarina D., Povroznik N. Information systems in the digital environment of historical science. In: Istoriya. 2017. № 7 (51).
7. Kiryanov I., Korniyenko S., Gagarina D., Sotnik A. Deputies with recurring parliamentary status in late imperial Russia: case of the State Duma of the fourth convocation, 1912–1917. In: Perm University Herald. Series History. 2017. No. 1 (36). Pp. 178-188.
8. Kornienko S., Povroznik N., Gagarina D., Harisova A. University and library: cooperation in the field of preservation and study of provincial periodicals. In: The role of libraries in information support of historical science: a collection of articles. Moscow, 2016. Pp. 500-514.
9. Kornienko S., Gagarina D. Russian history: new methods of sources study. In: Vlast. 2015. № 9.

PUBLICATIONS in Citation Data Bases:

- Russian Science Citation Index: 98 publications, https://elibrary.ru/author_profile.asp?id=501787.
- Google Scholar: 94 publications, h-index 11: https://scholar.google.ru/citations?user=Z_iLEHIAAAAJ.
- ResearcherID: 8 publications, <http://www.researcherid.com/rid/P-4333-2016>.
- ORCID: <https://orcid.org/0000-0002-9727-3974>.

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