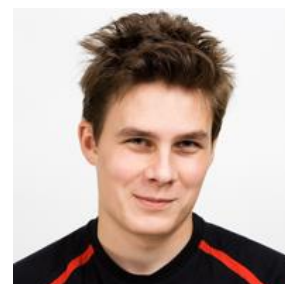


Mikhail Fominykh, PhD

Personal information

Address: Waldemar Aunes vei 10B, 7027 Trondheim, Norway
Mobile phone: (+47) 48603627
Email: mihail.fominykh@gmail.com
Date of birth: 16.07.1984
Place of birth: Yoshkar-Ola, Russia
Citizenship: Russia
Residence: Norway, permanent permit
Marital status: Single
Homepage: <http://mikhailfominykh.com/>



Current positions

[2015–now] Associate Professor, Molde University College, Norway <http://www.himolde.no/>
[2014–now] Adjunct Professor, Volga State Univ. of Technology, Russia <http://volgatech.net/>
[2015–now] Project Manager, Europlan UK Ltd, UK <http://europlan-uk.eu/>

Academic experience

[2015–now] Molde University College, Norway <http://www.himolde.no/>

- Associate Professor at the Department of Logistics
- Project: Emergency Management Training with Virtual Reality
- Responsibilities: pedagogical design, graphical design, programming, evaluation, and research

[2012–2014] Norwegian University of Science and Technology, Norway

- Postdoctoral research fellow at the Program for Learning with ICT
- Guest Research Scientist at the Department of Computer & Information Science

[2007–2012] Norwegian University of Science and Technology, Norway <http://www.ntnu.no/>

- PhD Research Fellow at Program for Learning with ICT

Teaching Experience

[2008–2014] Norwegian University of Science and Technology, Norway

- Course: Cooperation Technologies and Social Media
- Responsibilities: lectures, practical exercises, assessment, and course re-design

[2013–2015] Joint European Summer School on Technology Enhanced Learning
<http://itelsummerschool.eu/>

- Workshops and lectures on research design, community and proposals

[2013] Erasmus+ teaching mobility

- Responsibilities: series of lectures for the University of Oulu

[2011–2012] EU CoCreat project

- Responsibilities: course design, tutoring, teaching over distance using various ICT, integrating local and international learning activities

Consulting Experience

[2014–2015] Consulting at Europlan UK Ltd

- Responsibilities: coordination, training, and reporting

[2011–2012] Consulting Advanced Distributed Learning dpt. of the Norwegian Defence Forces

- Project: Cultural Awareness in Military Operations
- Responsibilities: 3D environment design, research, and technical support

Industrial Experience

- [2006–2007] Multimedia System Laboratory, Volga State University of Technology, Russia
- Responsibilities: Research, project management, Graphic design, 3D modelling and texturing, programming
 - <http://www.mmlab.ru/>
- [2001–2007] Several IT companies, Russia
- Responsibilities: Graphical design, 3D modelling, texturing, and programming

Education

- [2008–2012] Norwegian University of Science and Technology, Norway
- PhD candidate at Department of Computer and Information Science
 - Thesis title: “Collaborative work on 3D educational content” ☆ [DiVA](#)
- [2001–2006] Volga State University of Technology, Russia <http://volgatech.net/>
- Faculty of Information Technologies and Computer Engineering
 - Average grade: 4.75 (min. passing grade 3, max. grade 5)
 - Diploma Thesis: “Designing 3D Virtual Environment for Learning Arts”
- [1996–2000] Art school, Russia
- Subjects: Graphics, Painting, Composition, Decorative Arts, History of Visual Art

Selected research projects and studies

- [2015–2018] **EU Horizon 2020 R&D project “Wearable Experience for Knowledge Intensive Training”**
- Responsibilities: proposal coordination, leading work package “Roadmap, Exploitation, and Business Impact”, research, dissemination
- [2015–now] R&D project “Emergency Management Training with Virtual Reality”
- Responsibilities: pedagogical and tech. design, programming, evaluation, and research
- [2013–now] International collaborative study “Ethical Decision Making in a 3D Virtual World”
- Responsibilities: Management, research, and technical support
 - <http://youtu.be/IIs-BcNCPBg>
- [2011–2013] EU Life Long Learning research project “CoCreate” <http://www.cocreat.eu/>
- Responsibilities: 3D environment design, instructional design, research, tutoring and technical support
- [2009–now] R&D project “vAcademia” <http://vacademia.com/>, http://youtu.be/TA1UhcR2_X8
- Responsibilities: Research, testing, and dissemination
- [2011–2014] Norwegian armed forces research project on learning and communication in 3D virtual worlds “Cultural Awareness in Military Operations”
- Responsibilities: 3D environment design, research, and technical support
- [2010–2011] EEU research project on serious games “TARGET” <http://www.reachyourtarget.org/>
- Responsibilities: Organization of events in a 3D virtual world, web support
- [2009–now] Research project “Virtual Campus of NTNU in Second Life”
- Responsibilities: Research, development, and maintenance
 - <http://slurl.com/secondlife/NTNU/>
- [2008–2009] EU cultural heritage project “Travel in Europe”
- Responsibilities: Data collection and texturing 3D models
- [2007–2008] Research and Development project “Virtual City of Yoshkar-Ola” <http://virtiyola.ru/>
- Responsibilities: Research, 3D-modelling, and texturing
- [2006–2007] Research and Development project “Virtual Collaborative Learning Environments”
- Responsibilities: 3D modelling and texturing

- <http://www.mmlab.ru/projects/collab/collab.shtml>

[2006–2007] Russian Ministry of Education project “E-learning resources for Chemistry”

- Responsibilities: Graphic and multimedia design
- <http://fcior.edu.ru/about.page> (in Russian only)

Awards and personal grants

[Aug 2014] Personal grant to participate in the Science Incubator Summer School, France

- Granted by: EYE, project funded by the European Commission
- Scored among top 10 projects and allowed to invite additional team members
- <https://fet-eye.eu/siss-2014>

[Jun 2014] Personal grant to participate in the Blue Sky conference, Hungary

- Granted by: EYE, project funded by the European Commission
- Scored among top 10 projects and allowed to invite additional team members
- <https://fet-eye.eu/bs-2014>

[May 2014] Personal grant to participate in the Lab Surfing Workshop, Italy

- Granted by: EYE, project funded by the European Commission
- Project idea selected to get support on turning it to an application for funding
- <https://fet-eye.eu/milan-may-2014>

[Apr 2014] Personal grant to teach at the Tenth Joint European Summer School on Technology Enhanced Learning, Malta

- Granted by: TESEO lab, Norwegian University of Science and Technology
- <http://www.prolearn-academy.org/Events/summer-school-2014>

[Sep 2013] Demo special recognition: Virtual Afghan Village as a Low-Cost Environment for Training Cultural Awareness in a Military Context

- Granted by: European Association of Technology Enhanced Learning
- <http://ectel2013.cs.ucy.ac.cy/index.php/conference/papers-and-demos-awards>

[Aug 2013] Personal grant to conduct a trans-national access research project at the University College London, UK

- Granted by: VISIONAIR, project funded by the European Commission
- <http://www.infra-visionair.eu/accepted-projects.html>

[May 2013] Audience Choice Award at the Ninth Joint European Summer School on Technology Enhanced Learning

- Granted by: European Association for Technology Enhanced Learning
- <http://www.prolearn-academy.org/Events/summer-school-2013>

[Mar 2013] Personal grant to give lectures at Learning and Educational Technology Research Unit, University of Oulu, Finland

- Granted by: ERASMUS Teacher Mobility program
- http://ec.europa.eu/education/tools/ilp_en.htm#tab-4

[May 2011] Personal grant to participate in the Seventh Joint European Summer School on Technology Enhanced Learning

- Granted by: European Association for Technology Enhanced Learning
- <http://www.prolearn-academy.org/Events/summer-school-2011>

[Mar 2011] Outstanding paper award: Virtual Research Arena: Presenting Research in 3D Virtual Environments

- Granted by: Association for the Advancement of Computing in Education
- http://www.editlib.org/j/GLEARN/v/2011/n/1/?show_awards_only=true

[Jun 2009] Outstanding paper award: Virtual Campus in the Context of an educational Virtual City: a Case Study

- Granted by: Association for the Advancement of Computing in Education
- http://www.editlib.org/j/EDMEDIA/v/2009/n/1/?show_awards_only=true

Selected publications

Mikhail Fominykh, Ekaterina Prasolova-Førland, Monica Divitini, and Sobah Abbas Petersen: "Boundary Objects in Collaborative Work and Learning," *Information Systems Frontiers*, ISSN: 1387-3326, EISSN: 1572-9419, 2015, Springer, pp. 1–18. doi> [10.1007/s10796-015-9579-9](https://doi.org/10.1007/s10796-015-9579-9).

Mikhail Fominykh, Andrey Smorkalov, Mikhail Morozov, and Ekaterina Prasolova-Førland: "3D Virtual Worlds as a Fusion of Immersing, Visualizing, Recording, and Replaying Technologies," in D. Sharma et al. eds., *Fusion of Smart, Multimedia and Computer Gaming Technology: Research, Systems and Perspectives*, 2015, Springer, Intelligent Systems Reference Library 84 ISSN: 1868-4394, pp. 137–171. doi> [10.1007/978-3-319-14645-4_7](https://doi.org/10.1007/978-3-319-14645-4_7)

Andrey Smorkalov, **Mikhail Fominykh**, and Mikhail Morozov: "Collaborative Work and Learning with Large Amount of Graphical Content in a 3D Virtual World Using Texture Generation Model Built on Stream Processors," *International Journal of Multimedia Data Engineering and Management (IJMDEM)*, Volume 5, Issue 2, 2014, IGI-Global, ISSN: 1947-8534, EISSN: 1947-8542, pp. 18–40. doi> [10.4018/ijmdem.2014040102](https://doi.org/10.4018/ijmdem.2014040102).

Mikhail Fominykh and Ekaterina Prasolova-Førland: "Educational Visualizations in 3D Collaborative Virtual Environments: a Methodology," *International Journal of Interactive Technology and Smart Education (ITSE)*, Volume 9, issue 1, 2012, Emerald, ISSN: 1741-5659, pp. 33–45. doi> [10.1108/17415651211228086](https://doi.org/10.1108/17415651211228086)

Mikhail Fominykh, Ekaterina Prasolova-Førland, and Monica Divitini: "Creative Collaboration in a 3D Virtual World Conducting Educational Activities, Designing Environments, and Preserving Results," in D. G. Sampson et al. eds., *Digital Systems for Open Access to Formal and Informal Learning*, 2014, Springer, pp. 257–274. doi> [10.1007/978-3-319-02264-2_16](https://doi.org/10.1007/978-3-319-02264-2_16)

Ekaterina Prasolova-Førland, **Mikhail Fominykh**, Ramin Darisiro, Anders I. Mørch, and David Hansen: "Preparing for International Operations and Developing Scenarios for Inter-cultural Communication in a Cyberworld: A Norwegian Army Example," in Marina Gavrilova et al. eds., *Transactions on Computational Science (TCS)*, 2014, Springer, LNCS 8490 ISSN 0302-9743, Issue XXIII, pp. 118–138. doi> [10.1007/978-3-662-43790-2_7](https://doi.org/10.1007/978-3-662-43790-2_7)

Mikhail Fominykh: "Creating and Retrieving Knowledge in 3D Virtual Worlds," in U. Gehmann and M. Reiche eds., *Real Virtuality: About the Destruction and Multiplication of World*, 2014, [Transcript](https://www.transcript-verlag.de/), pp. 337–368.

Mikhail Morozov, Alexey Gerasimov, **Mikhail Fominykh**, and Andrey Smorkalov: "Asynchronous Immersive Classes in a 3D Virtual World: Extended Description of vAcademia," in M. Gavrilova et al. eds., *Transactions on Computational Science (TCS)*, 2013, Springer LNCS 7848, Issue XVI, pp. 81–100. doi> [10.1007/978-3-642-38803-3_5](https://doi.org/10.1007/978-3-642-38803-3_5)

Mikhail Fominykh, Ekaterina Prasolova-Førland, Leif Martin Hokstad, and Mikhail Morozov: "Repositories of Community Memory as Visualized Activities in 3D Virtual Worlds," in *the 47th Hawaii International Conference on System Sciences (HICSS)*, Waikoloa, HI, USA, January 6–9, 2014, IEEE, pp. 678–687. doi> [10.1109/HICSS.2014.90](https://doi.org/10.1109/HICSS.2014.90)

Ekaterina Prasolova-Førland, **Mikhail Fominykh**, Ramin Darisiro, and Anders I. Mørch: "Training Cultural Awareness in Military Operations in a Virtual Afghan Village: A Methodology for Scenario Development," in Ralph H. Sprague, Jr. ed., *the 46th Hawaii International Conference on System Sciences (HICSS)*, Wailea, HI, USA, January 7–10, 2013, IEEE, pp. 903–912. doi> [10.1109/HICSS.2013.571](https://doi.org/10.1109/HICSS.2013.571)

Mikhail Fominykh, Ekaterina Prasolova-Førland, and Monica Divitini: "Learning Computer-Mediated Cooperation in 3D Visualization Projects," in Yuhua Luo ed., *the 9th International Conference on Cooperative Design, Visualization and Engineering (CDVE)*, Osaka, Japan, September 2–5, 2012, Springer, LNCS 7467, ISSN: 0302-9743, p. 65–72. doi> [10.1007/978-3-642-32609-7_9](https://doi.org/10.1007/978-3-642-32609-7_9)

Active memberships in scientific program committees

-  [New Review of Hypermedia and Multimedia Journal](#), invited reviewer, 2015
-  [International Journal of Artificial Intelligence in Education](#), invited reviewer, 2015
-  [iLRN](#), member of the Program Committee, [2015](#), [2016](#)
-  [IEEE Multimedia](#), invited reviewer, 2015
-  [IEEE Communications Magazine](#), invited reviewer, 2014
-  [ISM](#), member of the Technical Program Committee [2014](#)
-  [Journal of Educational Technology & Society](#), invited reviewer, 2014
-  jTEL Summer School, member of the Programme Committee, [2014](#), [2015](#)
-  [ICALT](#), member of the Virtual Worlds in Education and Training track Program Committee [2014](#), [2015](#)
-  [HCI International](#), member of the Program Board in Learning and Collaboration Technologies [2014](#), [2015](#)
-  [KES STET](#), member of the International Program Committee, [2014](#), [2015](#)
-  [SCITEED](#), member of the [Scientific Committee](#), 2014
-  [Behaviour & Information Technology Journal](#), invited reviewer, 2013
-  [SLACTIONS](#), member of the Scientific Committee [2013](#), [2014](#)

Other professional skills

Computer skills:

- Operating systems: Windows and Android
- Programming: C-based languages, Pascal-based languages
- 2D Graphics: Adobe Photoshop and Illustrator
- 3D Graphics: 3ds Max, Maya, SketchUp, and Second Life

Languages:

- English: fluent
- Russian: native
- Norwegian (bokmål): advanced

Other skills:

- Motivation and commitment
- Multidisciplinary competences and interests
- Communication and teamwork