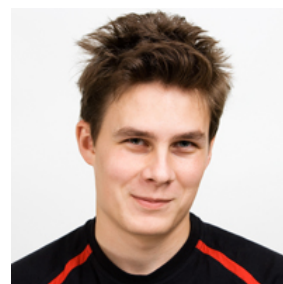


Mikhail Fominykh, PhD

Personal information

Address: Kilehagen 75, 1430 Ås, Norway
Address 2: Waldemar Aunes vei 10B, 7027 Trondheim, Norway
Mobile phone: (+47) 48603627
Email: mihail.fominyh@gmail.com
Homepage: <http://mikhailfominykh.com/>
Company: Mikhail Fominykh, org. number: 997 025 849
Date/place of birth: 16.07.1984, Russia
Citizen/Resident: Russia/Norway



My professional career has been a journey from developing educational multimedia resources to studying innovative learning methods and designing learning tools, to acquiring grants, managing international projects and organizations. I seek opportunities to realise my enthusiasm for technology and learning.

Selected projects

- [2019–**now**] Doctoral Education for Technology-Enhanced Learning, <https://ea-tel.eu/de-tel/>
 - Beneficiary: Norwegian University of Science and Technology
 - Funded by: EU under Erasmus+ programme, KA2 Strategic Partnership
 - Responsibilities: Coordination, original idea, quality management
- [2018–**now**] Digital Competences for Language Teachers, <https://www.dc4lt.eu/>
 - Beneficiary: Norwegian University of Science and technology
 - Funded by: EU under Erasmus+ programme, KA2 Strategic Partnership
 - Responsibilities: Coordination, original idea, technology manager, quality management
- [2017–**now**] Augmented Reality in Formal University Education, <http://codereality.net/>
 - Beneficiary: Molde University College
 - Funded by: EU under Erasmus+ programme, KA2 Strategic Partnership
 - Responsibilities: Coordination, event management, production of educational materials
- [2017–**now**] Virtual Internship: <https://www.ntnu.edu/imtel/virtual-internship>
 - Beneficiary: Norwegian University of Science and Technology
 - Funded by: Norwegian Labour and Welfare Administration (NAV)
 - Responsibilities: technical coordination and research
- [2015–2019] Wearable Experience for Knowledge Intensive Training: <http://wekit.eu/>
 - Beneficiary: Europlan UK ltd
 - Funded by: EU under Horizon 2020 programme, call ICT-20-2015
 - Responsibilities: original idea, proposal coordination, leading work package “Roadmap, Exploitation, and Business Impact”, research, and dissemination
- [2016–2018] “BioWaveVR” CBT with VR and Wearable Technology
 - Beneficiary: Self employed
 - Funded by: Coperiosenteret AS
 - Responsibilities: tech. design and development, organization of training sessions

R&D Experience outside academia

[2014–**now**] Project Manager (28%), Europlan UK Ltd, UK <http://europlan-uk.eu/>

- **Initiator and co-leader of Horizon 2020 project WEKIT** <http://wekit.eu/>, funded by EU
- Manager of development project Information sharing portal for the Body of European Regulators for Electronic Communications <http://berec.europa.eu/>, funded by BEREC Office

[2011–**now**] Self-employed

- Developer: OLT Prosjektverskøy: <https://loypa.medisin.ntnu.no/> coordinated by Olympiatoppen
- Developer: MiBlock <https://stolav.no/fag-og-forskning/innovasjon-ved-st-olavs-hospital/miblock> coordinated by St.Olavs Hospital
- Developer: Aura app, coordinated by St.Olavs Hospital
- Developer: Headache diary 2.0, coordinated by St.Olavs Hospital
- Developer: Executive Intelligence <https://executiveintelligence.no> coordinated by Coperiosenteret
- Developer: Den Olympiske Løypa: <https://loypa.medisin.ntnu.no/> coordinated by Olympiatoppen
- Developer: Mental trening for stressmestring, coordinated by Coperiosenteret
- Developer: BioWaveVR, coordinated by Coperiosenteret
- Developer: VirSam: <http://virsam.no/> coordinated by Medical faculty of NTNU
- Developer: Virtuell Velferdsteknologi, coordinated by Trondheim Municipality
- Developer: Cultural Awareness in Military Operations, with ADL, Norwegian Defence Forces

[2006–2007] Designer, Multimedia System Lab, VSUT, Russia <http://www.mmlab.ru/>

- 3D Designer: “E-learning resources for Chemistry” funded by Russian Ministry of Education <http://fcior.edu.ru/about.page> (in Russian only)
- 3D Designer: “Virtual Collaborative Learning Environments” funded by Russian Ministry of Education <http://www.mmlab.ru/projects/collab/collab.shtml>
- Researcher: “Virtual City of Yoshkar-Ola” funded by VSUT

Academic experience

[2017–**now**] Researcher (55%), Department of Pedagogics and Life-long learning, NTNU, Norway

- Coordinator of Virtual Internship: <https://www.ntnu.edu/imtel/virtual-internship> funded by NAV
- Coordinator of DC4LT: <https://www.dc4lt.eu> funded by EU
- Coordinator of DE-TEL: <https://ea-tel.eu/de-tel> funded by EU

[2015–**now**] Associate Professor (20%), Molde University College, Norway <http://www.himolde.no/>

- Coordinator of AR-FOR-EU: <http://codereality.net> funded by EU

[2014–**now**] Adjunct Professor (10%), VSUT, Russia <http://volgatech.net/>

- Teaching: Virtual and Augmented Reality course

[2012–2014] Postdoctoral research fellow, Programme for Learning with ICT, NTNU, Norway

- Project participant: CoCreate <http://www.cocreat.eu/>

[2007–2012] PhD Research Fellow at Program for Learning with ICT, NTNU, Norway

- Project participant: TARGET
- 3D design: Travel in Europe, funded by EU cultural heritage
- R&D: Virtual Campus of NTNU <http://slurl.com/secondlife/NTNU/>

Teaching Experience

- [2019–**now**] Code Reality: Learn
- Workshops and lectures on the topic of Augmented reality, both on campus and online
- [2013–**now**] EATEL Summer School on Technology Enhanced Learning
- Workshops and lectures on research design, community building, and industrial training
 - General chair 2017, 2018, 2019, 2020: program design and event management
- [2014–**now**] VSUT, Russia: Virtual and Augmented Reality course
- Responsibilities: lectures, practical exercises, and assessment
- [2008–2014] NTNU, Norway: Cooperation Technologies and Social Media course
- Course design, lectures, practical exercises, and assessment
- [Spring 2013] Erasmus+ teaching mobility
- Series of guest lectures at the University of Oulu, Finland
- [2011–2012] EU CoCreat project <https://cocreat.wordpress.com/>
- Design and tutoring in two international distant courses

Education

- [2008–2012] Department of Computer and Information Science, NTNU, Norway
- PhD Thesis: "Collaborative work on 3D educational content" [NTNU Open](#)
- [2001–2006] Faculty of Information Technologies and Computer Engineering, VSUT, Russia
- Diploma Thesis: "Designing 3D Virtual Environment for Learning Arts"
 - Average grade: 4.75 (min. passing grade 3, max. grade 5)
- [1996–2000] Art school, Russia
- Subjects: Graphics, Painting, Composition, Decorative Arts, History of Visual Art

Publications

- [2008–2020]
- journal articles: **9**
 - book chapters: **11**
 - full papers in conference proceedings: **37**
 - short papers in conference proceeding: **5**
 - posters in conference proceedings: **3**

Selected publications

Ekaterina Prasolova-Førland, Mikhail Fominykh, and Oscar Ihlen Ekelund: "Empowering Young Job Seekers with Virtual Reality," in *the 26th IEEE Conference on Virtual Reality and 3D User Interfaces (IEEE VR)*, Osaka, Japan, March 23–27, 2019, IEEE, pp. 295–302. DOI: [10.1109/VR.2019.8798179](https://doi.org/10.1109/VR.2019.8798179).

Bibeg Limbu, **Mikhail Fominykh**, Roland Klemke, and Marcus Specht: "A conceptual framework for supporting expertise development with augmented reality and wearable sensors," in Ilona Buchem, Ralf Klamka and Fridolin Wild Eds., *Perspectives on Wearable Enhanced Learning (WELL)*, 2018, Springer, Cham, pp. 213–228. DOI: [10.1007/978-3-319-64301-4_10](https://doi.org/10.1007/978-3-319-64301-4_10)

Bibeg Limbu, **Mikhail Fominykh**, Roland Klemke, Marcus Specht, and Fridolin Wild: "Supporting Training of Expertise with Wearable Technologies: The WEKIT Reference Framework," in S. Yu, M. Ally and A. Tsinakos Eds., *The International Handbook of Mobile and Ubiquitous Learning*, 2018, Springer, Perspectives on Rethinking and Reforming Education book series ([PRRE](#)) ISSN: 2366-1658, eISSN: 2366-1666, ISBN: 978-981-10-6144-8, pp. 157–175. DOI: [10.1007/978-981-10-6144-8_10](https://doi.org/10.1007/978-981-10-6144-8_10)

Ekaterina Prasolova-Førland, Judith Molka-Danielsen, **Mikhail Fominykh**, and Katherine Lamb: "Active Learning Modules for Multi-Professional Emergency Management Training in Virtual Reality," in *the International Conference on Teaching, Assessment and Learning for Engineering (TALE)*, Tai Po, Honk Kong, December 12–14, 2017, IEEE, ISBN: 978-1-5386-0900-2/17, pp. 461–468.

DOI: [10.1109/TALE.2017.8252380](https://doi.org/10.1109/TALE.2017.8252380).

Will Guest, Fridolin Wild, Alla Vovk, **Mikhail Fominykh**, Bibeg Limbu, Roland Klemke, Puneet Sharma, Jaakko Karjalainen, Carl Smith, Jazz Rasool, Soyeb Aswat, Kaj Helin, Daniele Di Mitri and Jan Schneider: "Affordances for Capturing and Re-enacting Expert Performance with Wearables," in É. Lavoué, H. Drachsler, K. Verbert, J. Broisin and M. Pérez-Sanagustín Eds. *The 12th European Conference on Technology Enhanced Learning (ECTEL)*, Tallinn, Estonia, September 12–15, 2017, Springer, Book Series: [Lecture Notes in Computer Science](#) LNCS, ISSN 0302-9743, volume 10484, ISBN 978-3-319-66609-9, Online ISBN 978-3-319-66610-5, pp. 403–409. DOI: [10.1007/978-3-319-66610-5_34](https://doi.org/10.1007/978-3-319-66610-5_34).

Will Guest, Fridolin Wild, Alla Vovk, Paul Lefrere, Roland Klemke, **Mikhail Fominykh**, and Timo Kuula: "Technology Acceptance Model for Augmented Reality and Wearable Technologies," *Journal of Universal Computer Science (JUCS)*, ISSN: 0948-6968, Volume 24, Issue 2, 2018, Technische Universität Graz, pp. 192–219. http://www.jucs.org/jucs_24_2/a_technology_acceptance_model

Ekaterina Prasolova-Førland, Aslak Steinsbekk, **Mikhail Fominykh**, and Frank Lindseth: "Practicing Interprofessional Team Communication and Collaboration in a Smart Virtual University Hospital," in Vladimir Uskov, Jeffrey P. Bakken, Robert J. Howlett, and Lakhmi C. Jain Eds., *Smart Universities: Concepts, Systems, and Technologies*, 2017, Springer, Smart Innovation, Systems and Technologies ISSN: 2190-3018, ISBN: 978-3-319-59453-8, pp. 191–224. DOI: [10.1007/978-3-319-59454-5_7](https://doi.org/10.1007/978-3-319-59454-5_7).

Mikhail Fominykh, Ekaterina Prasolova-Førland, Tore C. Stiles, Anne Berit Krogh, and Mattias Linde: "Conceptual Framework for Therapeutic Training with Biofeedback in Virtual Reality: First Evaluation of a Relaxation Simulator," *International Journal of Interactive Learning Research (IJLR)*, ISSN: 1093-023X, Volume 29, Issue 1, 2018, AACE, pp. 51–75. <https://www.learntechlib.org/p/178528/>

Mikhail Fominykh, Peter Leong, and Brenda Cartwright: "Role-playing and Experiential Learning in a Professional Counseling Distance Course," *International Journal of Interactive Learning Research (IJLR)*, ISSN: 1093-023X, Volume 29, Issue 2, 2018, AACE, pp. 169–190. Originally presented at EdMedia: World Conference on Educational Media and Technology, Washington DC, USA, June 20–23, 2017. <https://www.learntechlib.org/primary/p/178527/>

Mikhail Fominykh, Fridolin Wild, Carl Smith, Victor Alvarez and Mikhail Morozov: "An Overview of Capturing Live Experience with Virtual and Augmented Reality," in Davy Preuveneers ed. *the Workshop Proceedings of the 11th International Conference on Intelligent Environments*, IOS Press, Series: [Ambient Intelligence and Smart Environments](#), ISSN: 1875-4163, Volume 19, ISBN: 978-1-61499-529-6, pp. 298–305. DOI: [10.3233/978-1-61499-530-2-298](https://doi.org/10.3233/978-1-61499-530-2-298).

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)

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)

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)