**Final call for applications**

**24th EDUFI WINTER SCHOOL**

***“Recognizing breathtaking links and structures around us“***

**2 - 7 March 2020, Finland**

The Finnish National Agency for Education EDUFI invites applications from Russian and Ukrainian postgraduate students for participation in the 24th Winter School which will be organized during 2 - 7 March 2020 at [Tvärminne Zoological Station of the University of Helsinki](https://www.helsinki.fi/en/research-stations/tvarminne-zoological-station).

The goal of the Winter School is to enhance the mobility of young researchers and postgraduate students between Finland and the participating countries and to increase the cooperation between the universities. Before applying for participation in the 24th Winter School, the applicants are expected to contact two scientists/research group leaders at Finnish universities to discuss a possible future project with them. Expression of interest by the Finnish host will be considered a major advantage during the selection process.

Those Winter School participants who will be invited to Finland after the Winter School by Finnish research teams will have **an option for** **a scholarship** from the EDUFI Fellowship programme. The Winter School provides an opportunity for the invited participants to come to work or study in Finland for 3 to 12 months. In 2019, the monthly amount of scholarship was 1500 euros. The scholarship period should begin approx. within two years after the Winter School.

The 24th EDUFI Winter School is multidisciplinary - not for a particular, narrow field of science, but rather for a scientific topic. This time, the school focuses on **the human experience of reality and technical advancements that may push the limits of reality beyond the present scope of human senses.**

Applications from fields such as **information technology, communication sciences, psychology, linguistics, biosciences and biomedicine, physiology, chemistry, pharmacy, physics and materials sciences** are welcome.

The school tends to stimulate active participation and discussion. The untraditional working method has been specially developed for the Winter School and it aims at enhancing the strength of participants’ own personal expertise, problem-solving capabilities, scientific presentation skills and creative mind.

## **Tentative themes of the days:**

*Materials day*

*Respiration day*

*Recognition day*

*Communication day*

**The teaching staff**

Adjunct Professor Benjamin Cowley, University of Helsinki, Department of Education <https://researchportal.helsinki.fi/en/persons/benjamin-ultan-cowley>

Senior Researcher Gulayse Ince-Dunn, University of Helsinki, Laboratory of Mitochondrial Medicine <http://home.ku.edu.tr/~gdunn/GDUNN/people.html>

Professor Olli Ikkala, Aalto University, Departhment of Applied Physics <https://www.aalto.fi/en/department-of-applied-physics/molecular-materials-molmat>

Professor Heikki Kainulainen, University of Jyväskylä, Department of Biology of Physical Activity <https://staff.jyu.fi/Members/hekainul/kainulainen>

Professor Peppi Karppinen, University of Oulu, Biocenter Oulu, <https://www.oulu.fi/biocenter/groups/myllyharju-karppinen>

Associate Professor Mihail Kopotev, University of Helsinki, Department of Modern Languages <http://www.helsinki.fi/~kopotev>

Professor Jessica Rosenholm, Åbo Akademi University, Pharmaceutical Sciences Laboratory <https://www.pharmscilab.fi/bionanomaterials>

Professor Heikki Tanila, University of Eastern Finland, A. I. Virtanen Institute <http://www.uef.fi/en/web/aivi/heikki-tanila-group>

Professor Jörg Tiedemann, University of Helsinki, Department of Digital Humanities <https://blogs.helsinki.fi/tiedeman/research/>

Associate Professor Jussi Tohka, University of Eastern Finland, A. I. Virtanen Institute <http://www.uef.fi/en/web/aivi/heikki-tanila-group>

Associate Professor, Hongbo Zhang, Åbo Akademi, Pharmaceutical Sciences Laboratory <https://www.pharmscilab.fi/hzhang>; <https://www.pharmscilab.fi/nanoprecisionmed>

**Applications for participation**

Applications for participation are welcome from postgraduate students who are citizens of Russia or Ukraine. Applications are not accepted from those who have participated in one of the previous Winter Schools.

[**The application form and instructions can be found here**](https://link.webropolsurveys.com/S/64C6CB49DEC7358E)

**Application and required annexes**

Signed and scanned application form and other annexes in pdf-format.

Annexes:

1. Copies of latest degree certificates and scores certificates (supplements to the diploma) and their translations

2. Letter of recommendation from a supervisor or a senior colleague who is well acquainted with your work

3. Description of your current research work (1-2 pages) including introduction, aims of study, experimental design and current status

4. Complete list of publications in the peer-reviewed English language scientific journals (if any)

5. Description of your future research interest (1 page)

6. Evidence of contacting two scientists/research group leaders from Finnish Universities in form of a letter of intent from a potential Finnish host which includes an outline of the research project for the applicant

7. One recent photograph of the applicant (please attach the photo to the application form).

**List of Finnish Universities and associated research institutes**

BIOSCIENCES & MEDICINE

[University of Helsinki - Biomedicum](http://www.biomedicum.fi/index.php?page=105&lang=2)

<https://www.helsinki.fi/en/helsinki-institute-of-life-science/research>

<https://www.aalto.fi/en/department-of-neuroscience-and-biomedical-engineering>

<http://www.uef.fi/en/web/aivi>

<https://www.oulu.fi/biocenter/>

<https://www.biocity.turku.fi/research-programmes/>

<http://drugdevelopment.fi/>

<https://www.tuni.fi/en/about-us/faculty-medicine-and-health-technology>

PSYCHOLOGY & SOCIAL SCIENCES

<https://www.helsinki.fi/en/faculty-of-medicine/psychology>

<https://www.utu.fi/en/university/faculty-of-social-sciences/psychology>

<https://www.abo.fi/en/study-subject/psychology/>

<https://www.jyu.fi/edupsy/en/research>

<https://www.tuni.fi/en/about-us/faculty-social-sciences>

<https://www.tuni.fi/en/about-us/faculty-information-technology-and-communication-sciences>

<https://www.helsinki.fi/en/faculty-of-social-sciences/research>

<https://www.helsinki.fi/en/faculty-of-arts/research>

ENVIRONMENTAL SCIENCES

<https://www.helsinki.fi/en/faculty-of-biological-and-environmental-sciences/research>

<https://www.utu.fi/en/university/faculty-of-science-and-engineering/biology/research>

<http://www.uef.fi/en/web/envbio/research-areas>

<https://www.jyu.fi/science/en/bioenv/research>

<https://en.ilmatieteenlaitos.fi/research>

<https://www.helsinki.fi/en/faculty-of-science/faculty/institute-for-atmospheric-and-earth-system-research-inar>

<http://www.uef.fi/en/web/forest/research>

<https://www.abo.fi/en/the-sea/>

PHYSICS

<https://www.helsinki.fi/en/faculty-of-science/research>

<https://www.helsinki.fi/en/faculty-of-science/research>

<https://www.jyu.fi/science/en/physics/research>

<https://www.utu.fi/en/research>

<https://www.abo.fi/en/physics-research-and-researchers/>

CHEMISTRY

<https://www.helsinki.fi/en/faculty-of-science/faculty/chemistry/chemistry-research>

<https://www.utu.fi/en/research-at-the-department-of-chemistry>

<https://www.tuni.fi/en/research/chemistry-and-advanced-materials-cam>

<https://www.jyu.fi/science/en/nanoscience-center>

<https://www.abo.fi/en/molecular-process-and-material-technology/>

ENGINEERING

<https://www.aalto.fi/en/research-art>

<https://www.helsinki.fi/en/faculty-of-science/faculty/helsinki-institute-for-information-technology-hiit>

<https://www.tuni.fi/en/about-us/faculty-engineering-and-natural-sciences>

<https://www.abo.fi/en/faculty-of-science-and-engineering/>

MATHEMATICS & DATA SCIENCES

<https://www.helsinki.fi/en/computer-science/research>

<https://www.utu.fi/en/university/faculty-of-science-and-engineering/mathematics-and-statistics/research>

<https://www.abo.fi/en/information-technology-research-and-researchers/>

LINGUISTICS AND LANGUAGE TECHNOLOGY

[http://bionlp.utu.fi](http://bionlp.utu.fi/)

<http://www.ouluclrc.fi>

<http://www.cs.tut.fi/sgn/specog/index.html>

<https://blogs.helsinki.fi/language-technology>

<https://www.cs.helsinki.fi/group/doremi>

<https://www.aalto.fi/en/department-of-signal-processing-and-acoustics>

DIGITAL HUMANITIES

<https://www.aalto.fi/en/aalto-digi-platform/digital-humanities-in-aalto>

[https://www.helsinki.fi/en/helsinki-centre-for-digital-hum anities](https://www.helsinki.fi/en/helsinki-centre-for-digital-hum%09anities)

<https://www.helsinki.fi/en/researchgroups/computational-creativity-and-data-mining>

**Application deadline**

The deadline for applications is **18 October 2019 at 16:15.** (Finnish time).

**Financial assistance/grants**

No participation fee is charged from the participants. Accommodation in student halls of residence and meals at course site are covered by EDUFI. EDUFI will also award a travel grant covering partial expense of the participants’ travel between their home town and Helsinki.

**Contact persons at EDUFI**

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