

## CALL FOR EXPRESSION OF INTEREST

Liepāja University (Latvia) is looking for  
experienced researchers of any nationality  
to host under Marie Skłodowska-Curie Individual Fellowships (MSCA-IF) 2020.

### POSSIBLE RESEARCH AREAS/ TOPICS

#### Natural and Engineering Sciences

- **Software quality, Data quality, Software quality assurance**  
Dr.sc.comp. Anita Jansone; anita.jansone@liepu.lv
- **Circular Economy (CE), Sustainable Development (SD)**
  - a) Paper, plastic sorting and recycling, recycling paper based aero gels for oil product collection;
  - b) SD goals measurement, SDG and CE index calculation methodologies, problems.  
Mg.sc.env. Lilita Ābele, lilita.abele@liepu.lv
- **Development of an intellectual-information system** for:
  - a) the logical-probabilistic diagnosis of human cardiovascular diseases in conditions of incomplete certainty;
  - b) predicting the dynamics of the functional state of the patient's organism;
  - c) making suggestions to attending medical physicians for managing the treatment process; (d) tracking the stages of relapse.  
Dr.Sc.Math. Sharif Guseynov; sarif.guseinov@liepu.lv
- **Loadings and effects of sea wind waves to the Baltic Sea coastal areas:** key factors, mathematical models, methods, and design formulas.  
Dr.Sc.Math. Sharif Guseynov; sarif.guseinov@liepu.lv

#### Humanities and Arts

- **History and Theory of the Theatre**  
Dr. art. Vēsma Lēvalde; vesma.levalde@liepu.lv
- **Foreign Language Learning and Development of Critical Thinking in Adolescents**  
Dr.paed. Dagnija Deimante, dagnija.deimante@liepu.lv

#### Educational Sciences

- **Technology-Enhanced Learning**  
Dr.paed. Lāsma Ulmane-Ozoliņa, luo@liepu.lv

Deadline of project submission:  
**9 September 2020.**

**Possible start of the project:**  
1 March 2021 – 1 September 2022

**Eligibility criteria** for MSCA-IF researcher:

**Experienced Researcher** must be, at the date of the call deadline, in possession of a doctoral degree or have at least four years of full-time equivalent research experience.

**Mobility rule:** the researcher cannot have resided or carried out his/her main activity (work, studies, etc.) in the country of the beneficiary for more than 12 months in the three years immediately before the call deadline.

The **grant covers** living, mobility and family costs, as well research-related costs.

**Project duration:** 12-24 months for European fellowships and 24-36 months for Global fellowships.

More information:  
[https://ec.europa.eu/research/marie-curieactions/actions/individual-fellowships\\_en](https://ec.europa.eu/research/marie-curieactions/actions/individual-fellowships_en)

# LIEPAJA UNIVERSITY

## About us

Liepaja University (LiepU) is a regional university with large experience and academic traditions. It was founded in 1954 on the basis of Teacher Training Institute. It is located in Kurzeme region in the heart of Liepaja city – a city with long and diverse history, unique architecture and atmosphere, and mostly - wonderful sea and beach.

## Studies

The university is divided into four faculties: 1) **Science and Engineering**, 2) **Pedagogy and Social work**, 3) **Humanities and Arts**, and 4) **Management and Social Sciences**. LiepU implements 30 different study programmes, including 4 Doctoral programmes, 10 Master's programmes and 16 Bachelor's programmes. It offers 7 international study programmes fully taught in English.

## Students and Staff

There are nearly 1 400 students in LiepU and more than 20 thousand graduates. LiepU academic staff constitutes more than 200 persons, 68 per cent of them hold a doctoral degree.

## Research

LiepU develops innovative research in four research institutes in vast and diverse fields: 1) **Institute of Science and Innovative Technologies** - Renewable, nanomaterial energy, E-resources and information technologies, Smart technologies, Mathematics. 2) **Institute of Educational Sciences** - Educational science, Music therapy, Speech therapy; 3) **Kurzeme Institute of Humanities** - Latvian literature and folklore; History and theory of theatre; Latvian diachronic and synchronic linguistics; 4) **Institute of Management Sciences** - Business administration; Public administration; Educational management. Moreover, there are several research centres and laboratories at the University: **Circular Economy Center** - Sustainable development; Circular economy; **Art Research Laboratory** - New media art; **Speech Therapy Center** – Speech therapy; **Music Therapy Center** – Music therapy.

## International experience

Liepaja University has more than 100 partner universities in 30 countries. The University has been involved in numerous EU-funded projects and various other international and national programmes and initiatives.

More information: [www.liepu.lv](http://www.liepu.lv)

Interested applicants are encouraged to send their CV and brief description of research topic by email to Project department: [nora.ferebefa@liepu.lv](mailto:nora.ferebefa@liepu.lv) until **30 June 2020**.

Should you have any questions regarding the research areas/ topics, please, be welcome to contact our researchers by their email.

