

FRAMEWORK PROGRAMME OF EARLY STAGE RESEARCHER TRAINING¹

1. BASIC DATA

| | | | |
|---|---|--|---------------------------------|
| Mentor's name and surname | Andreja Rudolf | Mentor's register number at ARIS (SICRIS) : | 14445 |
| Mentor's e-mail: | andreja.rudolf@um.si | Mentor's tel. no.: | 02 220 7964 |
| Research programme (RP) leader's name and surname: | Jelka Geršak | RP leader's register number at ARIS (SICRIS) : | 04628 |
| Title of research programme: | Clothing Science, Comfort and Textile Materials | RP's Register number at ARIS (SICRIS) : | P2-0123 |
| Research organisation (RO) of University of Maribor, where training shall be conducted: | UM FME | RO Register number at ARIS (SICRIS) : | 0795 |
| Research field according to ARIS classification : | 2.14 Tekstilstvo in usnjarstvo | Research field according to Ortelius classification (EURAXESS) | 15.10 Design engineering ID 173 |

2. DEFINITION OF RESEARCH PROBLEM AND GOALS OF DOCTORAL RESEARCH²

Starting point of research task of the early stage researcher and its position in the research programme, where the mentor is included, work hypothesis, research goals and foreseen result with emphasis on an original contribution to science:

The heritage of clothing is an invaluable historical legacy of humanity, which is a symbol of belonging through the image of clothing and must therefore be preserved for future generations. The problem of clothing heritage is its archiving, the ageing and deterioration of the textiles incorporated into the clothing, which over the years result in the clothing being in such poor condition that it can no longer be restored and preserved. It is therefore necessary to find authentic replicas of historical clothing

¹ Term early stage researcher (ESR) is written in male form and used as neutral for women and men.

² Research and study programme of training have to harmonise with contents of the research programme, where the mentor is a member.

that characterise the clothing culture of a particular era and form the starting point for the young researcher's research task.

The research task is interdisciplinary and is part of the research program Clothing Science, Comfort and Textile Materials (P2-0123), in which the mentor is involved.

The research area is dedicated to researching the reconstruction of historical clothing with regard to authentic clothing cuts, body morphology and the use of modern 3D technologies for virtual representation. The subject of the research is multi-layered historical clothing - costumes and/or clothing systems from a certain historical period. The research focuses on the development of a method for the generation of numerical replicas of historical clothing or the virtual reconstruction of historical clothing with the aim of developing a new method and database for the reconstruction of each individual item of clothing, taking into account the relationships between all components of a costume or clothing system, in order to achieve a new level of generation of virtual replicas that will enable their use in various areas such as museum collections or virtual exhibitions in museums.

3. STUDY PROGRAMME

Foreseen study programme, to which early stage researcher shall be enrolled in academic year 2024/2025:

Doctoral School of the Faculty of Mechanical Engineering, specialised scientific group Design and Textile Materials

4. DESCRIPTION OF WORK AND TASKS

Implementing projects of scientific research.
Taking part in the design of research programmes.
Cooperating with research sponsors.
Drawing up research and other reports.
Monitoring and coordinating research work according to the grant agreement.
Ensuring safety and health at work.
Organising and instructing employees and students on using personal safety equipment and other safety measures.
Performing other tasks at the behest of the superiors.
Participating in ad-hoc and permanent committees of university or faculty bodies.
Acting on behalf of colleagues and superiors during their absence (upon authorisation).
Participating in annual and other inventories.
Performing other related tasks delegated by superiors.

5. REQUESTED LEVEL OF EDUCATION

VII/2. tariff group

6. REQUESTED FIELD OF EDUCATION

Technical, Natural sciences

7. KLASIUS SRV

Seventh level: Second cycle of higher and similar education/Second cycle of higher and similar education

8. KLASIUS P

145 – Education of teachers of individual subjects
4 - Natural science, mathematics and computing
5 - Engineering, manufacturing and construction

9. REQUESTED KNOWLEDGE

Computer skills: MS Windows, Word, Excel, Internet, e-mail, e-commerce

10. REQUESTED SPECIAL REQUIREMENTS

/

11. REQUESTED LANGUAGES

Active knowledge of one world language

12. REQUESTED WORK EXPERIENCE

/

13. FORESEEN POSTDOCTORAL TRAINING

Kliknite ali tapnite tukaj, če želite vnesti besedilo.

Mentor's signature:

Research programme leader's signature:

Name and surname of Dean or
authorised person³:
red. prof. dr. Matej Vesenjāk

Signature of dean or authorised person:

Place and date:

Maribor,

Kliknite ali
tapnite
tukaj, če
želite vnesti
datum.

Stamp:

³ The training program is signed by the dean of the member where the ESR's employment and training will take place.