

SMART TRANSFORMATION LECTURES:

OPEN DUAL LECTURE SERIES

INVITATION FOR NOMINATIONS

Dear Transform4Europe Alliance partners,

within the scope of the Transform4Europe project (CUP J99C20000470006), the University of Saarland needs to identify a professional, stemming from the entrepreneurial environment, to be entrusted with a lectureship activity c/o the University of Saarland to be held in Saarbrücken, Germany on **May 9<sup>th</sup> 2023**. The lecturer must prove first-hand competency and a solid background in the entrepreneurial aspects related to **"The software of quantum computing"**

*Abstract:*

*The development of quantum computers is twofold: On the one hand, there is the aspect of „hardware“ aiming at constructing actual quantum computers; on the other hand, there is the „software“ side, the use and programming of these future machines. In our talk, we will focus on the latter one. More precisely, we will give a brief introduction and overview on quantum information theory, an exciting and truly interdisciplinary field at the intersection of mathematics, computer science and physics. What are qubits, superposition and entanglement, what are the principles of quantum algorithms and interesting examples, to what extent are quantum computers different/better than classical computers? We will discuss all these questions. The talk will be accessible for non-experts; in particular, absolutely no knowledge on quantum physics, software development or higher mathematics is needed.*

The objectives of the lectures are:

- ✓ Encourage the academia–industry dialogue;
- ✓ Define knowledge and know–how transfer methodologies;
- ✓ Professional update and growth;
- ✓ Strengthening of the bonds among institutional partners.

The University of Saarland will grant an attendance remuneration of 500€ and will cover the travel and accommodation expenses for the days of the lecture.

The University ensures equal opportunities, treatment and access to all candidates regardless of their sex, race, color, ethnic or social origin, genetic features, language, religion or belief, political or any other opinion, membership of a national minority, property, birth, disability, age or sexual orientation.

The lecturer must be nominated by a partner university that will submit the documentation by e-mail within the deadline of 7<sup>th</sup> of April to the address [n.rau@univw.uni-saarland.de](mailto:n.rau@univw.uni-saarland.de) using the nomination form available in the dedicated section of the Transform4Europe website. Attached to the application form, the following documents must be provided:

- Curriculum vitae;
- Copy of an ID document.

The nominations will be examined by a Selection Committee appointed by the Rector and made of three representatives: one professor from Transform4Europe Universities, expert in entrepreneurship, one student identified among the students' ambassadors of the University, and one representative of the stakeholders identified among the stakeholders list of the University itself. This Committee will meet physically or virtually and will produce a ranking based on evaluation of the curriculum vitae.

All applicants need to have:

- Citizenship from a region of the Transform4Europe alliance other than the hosting University;
- Demonstrated experience in the fields of digital transformation, sustainability or societal challenges;
- Fluent spoken English.

The evaluation of the nominations will assess the previous experience in the subject identified for the lectures and also previous experiences as conference speaker, lecturer or teacher (at university level).

The Selection Committee will identify the selected lecturer by CV assessment and with a brief interview (using a streaming platform), creating then a rank among the nominees.

The maximum evaluation will be 30 points subdivided in three areas:

- ✓ Maximum 15 points for the demonstrated experience in one of the fields required;
- ✓ Maximum 10 points for the demonstrated skills and previous experiences as speaker, lecturer or teacher;
- ✓ Maximum 5 points for the interview.

Within 7 working days from the date of publication of the ranking, the selected lecturer must confirm to [n.rau@univw.uni-saarland.de](mailto:n.rau@univw.uni-saarland.de) the acceptance of the mobility indicating in the e-mail subject "Transform4Europe mobility acceptance". In case of missing confirmation, the candidate will be excluded and the place will be taken by the candidate following in ranking.

The lecturer must provide the personal data needed to fill in the documents connected with the assignment from the University of Saarland.

**NOMINATION FORM FOR OPEN DUAL LECTURE SERIES**

GENERAL INFORMATION

Applicant's \_\_\_\_\_ name:

Date of birth: \_\_/\_\_/\_\_\_\_

City of birth: \_\_\_\_\_

Country of birth: \_\_\_\_\_

Address:

\_\_\_\_\_ (Street

Address)

\_\_\_\_\_ (City) \_\_\_\_\_

(State/Province)

\_\_\_\_\_ (Postal/Zip Code)

CONTACTS

Phone number: \_\_\_\_\_

E-mail address: \_\_\_\_\_

EXPERIENCE IN (select one area):

- digital transformation;
- sustainability;
- societal challenges.

SPECIFIC EXPERIENCE IN THE SELECTED AREA

\_\_\_\_\_

\_\_\_\_\_ (max 1000

characters)

TEACHING EXPERIENCE

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----- (max 1000  
characters)

I hereby consent to the processing of my personal data pursuant to Article 13 of Legislative Decree 196/2003 and Article 13 GDPR 679/16.

Date -----

Signature -----<sup>1</sup>

- Attachments: Copy of an ID card
- Copy of the curriculum vitae

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<sup>1</sup> The signature is considered authenticated if a copy of a valid certificate of identity of the undersigned is attached to the application form.