



# CALL FOR APPLICATIONS

## VISITING@WUT GRANT PROGRAMME

<b>WHEN?</b>	2nd Semester, Academic year 2023-2024
<b>HOW?</b>	Visiting@WUT Grant Programme
<b>WHAT?</b>	Visiting@WUT Grant within Faculty of Mathematics and Computer Science, Department of Computer Science
<b>WHAT positions?</b>	1 Visiting Researcher in the field of Dynamic Neural Networks
<b>FOR WHOM?</b>	Researcher specialized in Computer Science, Computer Engineering, Mathematics, Statistics or related fields

### WHO is eligible?

Qualified academic staff from any country (except Romania), who holds a PhD and a higher education teaching / research institutional affiliation

### General Eligibility Criteria:

- International visibility of the candidate's academic profile
- International recognition of the candidate's activity
- Previous research achievements

### Grant period:

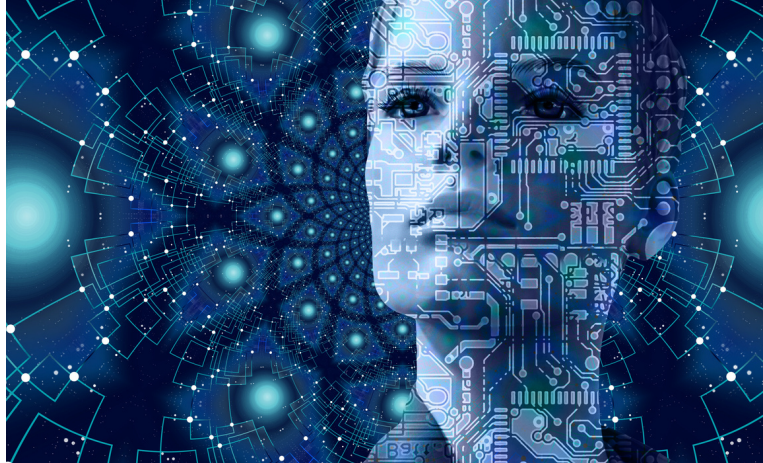
1 month (short-term), May 2024

### BENEFITS:

- 1 work-space at the Host-Faculty
- 2 free, unlimited access to WUT and Host-Faculty facilities
- 3 free access to WUT electronic resources
- 4 E-UVT institutional account
- 5 accommodation on campus
- 6 1 round trip between the place of origin and Timișoara
- 7 6000 RON - monthly grant

## CALENDAR:

- Application period: September 1st - November 1st 2023
- Evaluation of applications and possible interviews with shortlisted applicants: November 2023
- Notification of results: December 2023



## APPLICATION FILE:

- Registration Form
- Curriculum Vitae
- List of publications
- 1-page description of the candidate's research profile
- 1-page motivation letter (detailing interest in collaboration and benefits for the host institution)
- 1 Research proposal- title, abstract, topics, objectives, methods, targeted results, selected bibliography (max. 4 pages)
- Letter of acceptance from the Host Faculty / Department (recommended)

## SELECTION PROCESS:

- applications will be evaluated by a Committee within the Host-Faculty
- decisions will be communicated within 1 month (maximum) of the end of registrations, no later than: December 1st 2023

## DESCRIPTION OF THE VISITING RESEARCHER POSITION:

The Visiting Researcher's activity will be focused on method development for the study of dynamic neuronal networks, and their applications to computational neuroscience. Delay differential equations will be used to reflect crucial temporal aspects related to firing patterns, synaptic adjustment and history of the cell. In addition, a special emphasis will be placed on addressing how neuronal dynamics depend on connectivity patterns in large networks of coupled nodes.

The Visiting Researcher may also be involved in mentoring/co-advising MSc/PhD theses. They will also deliver talks in one of our regular scientific seminars (<https://www.info.uvt.ro/en/centre-de-cercetare/>) in accordance with their academic and research interests.

We seek scientists who have achieved appropriate recognition in their fields of activity and who can contribute to the development of the curriculum offered by the Faculty of Mathematics and Computer Science and the enrichment of its students' education.

## CONTACT PERSON:

Lecturer Claudia ZAHARIA , PhD,  
Vice-Dean in charge of Internationalization,  
Faculty of Mathematics and Computer Science,  
West University of Timișoara  
([claudia.zaharia@e-uvt.ro](mailto:claudia.zaharia@e-uvt.ro))