



PhD intensive courses

# Machine learning technique & text processing tools applied to the study of linguistic diversity & cultural perceptions



**14TH-16TH  
JUNE 2022**

Organised by the EC2U Virtual Institute for Quality Education

Hosted by the University of Poitiers, in collaboration  
with the University of Pavia & the University of Turku

**>>> expenses covered by the EC2U Alliance**





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# Machine learning technique & text processing tools applied to the study of linguistic diversity & cultural perceptions



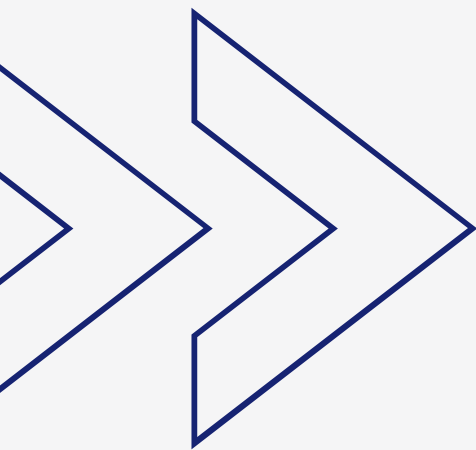
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# **Machine learning technique & text processing tools applied to the study of linguistic diversity & cultural perceptions**

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- >>> 3 days of lectures, workshops & activities**
  - >>> Mobility grants covering travel and daily allowance will be awarded.**

## **MISSION**

The EC2U Virtual Institute for Quality Education (VIQE) combines education, research and innovation in missions based on one of the United Nations Sustainable Development Goals called "Quality Education". The VIQE gathers interdisciplinary teams of students, teachers, researchers and innovators from the 7 universities of the EC2U Alliance (the University of Coimbra, the Alexandru Ioan Cuza University of Iasi, the Friedrich Schiller University of Jena, the University of Pavia, the University of Poitiers, the University of Salamanca and the University of Turku) and particularly focuses on language, cultural and societal diversity in Europe.

For its 1st edition, the VIQE organizes a session of PhD training activities on the topic of "Machine learning techniques and text processing tools applied to the study of linguistic diversity and cultural perception". It will be held at the University of Poitiers, from the 14th to the 16th of June 2022.

**Take your research to the next level with tools and techniques of digital linguistics!**



## APPLICATION

Fill in the Registration Form, available until the 1st of May 2022.

All the applications will be evaluated and a confirmation of acceptance will be sent at the end of April.

*Selection Criteria:*

- *PhD students, studying in the field of social sciences and humanities*
- *English level (B2)*
- *Motivation letter (200 words max)*

*Please check out the COVID-19 travel conditions of your country of origin before coming.*

## GLIMPSE OF CONTENT

### >>> Lectures & Workshops

Digital linguistics  
Machine learning  
Text processing tools  
Corpora

### >>> Cultural activities

City tour  
Cultural Visits



## CONTACT

If you have any question or need further information, send an email to [contact@ec2u.eu](mailto:contact@ec2u.eu)



# PROGRAMME



## Tuesday 14/06

9:00-12:00 **Session**

*Opening by the team of the University of Poitiers and the VIOE*

**"Machine learning tools for image and text processing - Computer Science approach"** François Lecellier from the University of Poitiers

12:00-14:00 Lunch Break \*

14:00-16:00 **Session**

**"Annotating Textual Data for Machine Learning"** Elisabetta Jezek from the University of Pavia

17:30-19:00 **Cultural activity**

*City tour*

20:00 Dinner \*

## Wednesday 15/06

9:00-12:00 **Session**

**"Corpora in Contrastive Linguistics"** Raluca Nita from the University of Poitiers

**"Analysing Learner Corpora"** Freiderikos Valetopoulos from the University of Poitiers

12:00-14:00 Lunch Break \*

14:30-18:00 **Cultural activity**

*Visit to a historical monument of French heritage*

## Thursday 16/06

9:00-12:00 **Session**

**"Towards linguistics with syntax-analysed data and command-line tools"**

*Veronika Laippala from the University of Turku*

12:00-14:00 Lunch Break \*

14:00-16:00 **PhD Students Workshop**

20:00 Dinner \*

\* Costs borne by the participants via their individual EC2U mobility grant