



The EUI has an open vacancy for a

# Research Assistant in the Department of Law

Florence, 17 April 2024

Reference: V/RA/LAW/2/2024

## Who we are

The **European University Institute** (EUI) at a glance:

- an **international organisation** set up in 1972;
- a research university focusing exclusively on **postgraduate, doctoral and post-doctoral studies**, and advanced research;
- located in the hills overlooking the city of Florence, Italy.

The Institute also hosts the Historical Archives of the European Union.

The Department of Law is European and international in character, comparative in its approach and contextual in its perspectives. It is committed to the study of law in its many facets. The Department's researchers study the challenges facing European law, private law, constitutional and administrative law, public and private international law, climate change law, environmental law, competition law and economic regulation, and algorithmic, computational and digital law with PhD opportunities across social, cultural, political and economic topics. The Department's methods are diverse. The spectrum of research developed in the department spans doctrinal legal research, critical legal studies, empirical analysis, law and economics, law and technology, comparative law, and more.

## Employment details

<b>Contract type</b>	Part-time 10% (3/30, 4 hours/week)
<b>Length of contract</b>	6 months, start date: 16 June 2024 This contract may be further renewed (several times and conditional to the availability of funds), leading to an extension of the period of service up to a total of 5 years, including the first contract period.
<b>Salary indication and grade</b>	Grade: ASTAC1e step 1 The basic net monthly salary after taxes is approximately 185 Euro, plus allowances if applicable.

More information about conditions of employment is available [here](#).

**Place of work**

To be agreed with Project Director (salary simulation based on place of work Florence, Italy)

## About the project

**Project Director(s)**

Prof. Giuseppe Contissa

**Project details**

HUCAN - Holistic Unified Certification Approach for Novel systems based on advanced automation (Grant Agreement n. 101114762).

The HUCAN project addresses legal and regulatory challenges of an ATM environment with higher levels of automation. Coherently with the SRIA, that advocates the need for new methodologies for validation and certification of advanced automation that ensure transparency, legal aspects, robustness and stability under all conditions and take full consideration for a future ATM environment built on multiple AI-algorithms system of systems with a human-centric approach, the HUCAN project proposes a novel approach for certification and approval of new ATM-related airborne and ground systems embedding higher levels of automation, including those based on AI and ML.

The proposed approach is intended to support both the approval/certification and the design phases of such technologies, developing to this end two interconnected products: (1) a new holistic and unified certification method for highly automated systems, whose main target users are EASA, national aviation authorities, qualified entities, and ANSPs, and (2) a set of suitable design guidelines and associated toolkit for streamlining the development of automation and AI-powered technologies, targeted to manufacturers.

**Job description**

The research assistant will provide research support to the Director of the project. Main tasks include:

- Supporting the review of the state of the art on current approaches, methods and regulations on airborne systems, aerodromes, and ATM systems and related certification, as well as roles played by the different actors involved;
- Contributing to the analysis of benefits, challenges and issues that may emerge for the certification of non-deterministic systems based on AI and ML;
- Playing an active part in the description and analysis of case studies being addressed by the project and to the development of a set of guidelines to support the design of future advanced automation applications in aviation;
- Participating in the communication and scientific dissemination of the project's results, also through publication of papers to international referred journals and participation to national and international conferences.

## Qualifications and experience

### Qualifications and Experience

Essential:

- Bachelor of Arts in Law
- Demonstrated working experience in law and technology studies

Desirable:

- MA in Law and Legal Science

### Languages

Excellent knowledge of English, both spoken and written ([CEFR](#) level: C1 or above). Knowledge of other languages constitutes an advantage.

## How to apply

### Deadline

The closing date for applications is **01 May 2024** at midnight (Florence time)

### Contact details

For more information contact [Francesca Fazio](#)

### How to apply

Fill in the [online application form](#) and upload documents as requested

### Data Protection

The purpose of processing the data submitted by candidates is to manage their application in view of a possible pre-selection and recruitment by the EUI. The information candidates provide in their application form is collected for the purpose of the selection procedure. The EUI will ensure that candidates' personal data are processed as required by its Data Protection Policy ([President's Decision No. 10/2019 of 18 February 2019 regarding Data Protection at the EUI](#)).

### Equal opportunities

The European University Institute applies a policy of equal opportunities, which, in accordance with Article 1d of its Staff Regulations, prohibits discrimination on any grounds such as sex, race, colour, 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. Any reference in this notice to a person of the male sex must be deemed also to constitute a reference to a person of the female sex.