



RESEARCH (PROJECT & INFRASTRUCTURE) MANAGER (M/F/X)

AEROSPACE & MECHANICAL ENGINEERING – PRECISION MECHATRONICS / GRAVITATIONAL WAVES

START DATE: 01/09/2026 (IDEALLY)

DEADLINE: 30/05/2026

Located in the French-speaking part of Belgium, the University of Liège welcomes nearly 27,000 students of 123 different nationalities in a dynamic, multicultural city less than an hour away from Brussels and Cologne, two hours from Paris and three hours from London and Amsterdam. ULiège is spread across 4 campuses and boasts over 5,700 staff members, including 3,600 teachers and researchers active in all areas of the humanities and social sciences, science and technology, and health sciences.

As a key player in social change and environmental awareness, ULiège promotes ethical, transdisciplinary and open science. It contributes to the socio-economic development of its region through numerous partnerships with several institutions, including the university hospital (CHU). Given its international orientation, the University participates [in the European University of Post-Industrial Cities \(UNIC\)](#) initiative and has one of the most extensive collaborative networks in the world.

ULiège offers attractive career prospects [in a high-quality working environment](#) where well-being, diversity and equality of opportunity are promoted. Since 2011, ULiège has been proud to display the European [Human resources strategy for researchers \(HRS4R\)](#) label, which reflects its commitment to open, transparent and merit-based procedures. In addition, it upholds quality and diversity in line with the recommendations of the [Coalition for Advancing Research Assessment \(CoARA\)](#). ULiège encourages its academic staff to travel internationally and welcomes international researchers through its EURAXESS center.

ABOUT THE RESEARCH PROJECT

The Einstein Telescope (ET) will be Europe's most advanced observatory for gravitational waves, enabling scientists to detect black hole mergers and explore the early universe.



At the University of Liège, the Department of Aerospace and Mechanical Engineering hosts the **ET-CRISTAL** facility, a cutting-edge R&D infrastructure dedicated to key technologies for ET Low Frequency detection.

ET-CRISTAL develops innovative solutions such as:

- advanced seismic isolation systems (including inverted pendulum stages),
- active vibration isolation platforms,
- contact-free radiative cryogenic cooling of large-scale mirrors.

It is recognized as a **Center of Excellence** for mirror systems, suspensions, vibration isolation and cryogenic technologies.

The position is hosted within the **Precision Mechatronics Laboratory**, with facilities located at the **Liège Space Center (CSL)**.

JOB DESCRIPTION

The University of Liège is recruiting a Research (Infrastructure and Project) Manager in gravitational wave instrumentation, **initially offered as a one-year fixed-term contract, renewable, with longer-term career perspectives.**

The successful candidate will play a key role in the **operational and strategic management** of the ET-CRISTAL research infrastructure, combining responsibilities in research coordination, project management and scientific collaboration development.

SPECIFIC DUTIES AND ACTIVITIES

- ▶ Lead the **operational and strategic management** of ET-CRISTAL facilities in collaboration with Prof. Christophe Collette
- ▶ Coordinate research operations, infrastructure activities and experimental platforms
- ▶ Support, supervise and mentor Master's students, PhD candidates and researchers
- ▶ Develop and contribute to research activities related to ET-CRISTAL
- ▶ Contribute to **research funding acquisition**, proposal development and partnership building
- ▶ Facilitate collaboration with internal and international stakeholders.

PROFILE

- **REQUIRED SKILLS :**
 - ▶ PhD in engineering or equivalent experience



- ▶ Proven expertise in at least one of the following areas:
 - cryogenic inertial sensors
 - low-frequency seismic isolation
 - radiative cooling
 - Thermal noise modeling
 - Newtonian noise
- **DESIRABLE SKILLS :**
 - ▶ Experience in managing research infrastructures or complex scientific projects
 - ▶ Experience in European or international research environments
 - ▶ Familiarity with large-scale research facilities or Big Science projects
- **HUMAN SKILLS :**
 - ▶ Strong project management and organizational skills
 - ▶ Ability to work autonomously and take initiative
 - ▶ Excellent communication and stakeholder engagement skills
 - ▶ Negotiation and consensus-building abilities
- **LANGUAGES :**
 - ▶ Excellent command of English (written and oral)
 - ▶ Knowledge of French is an asset

TERMS OF EMPLOYMENT

- ▶ **TYPE OF CONTRACT: FIXED-TERM CONTRACT (1 YEAR), RENEWABLE WITH THE PERSPECTIVE OF A PERMANENT POSITION**
- ▶ **WORK SCHEDULE : FULL-TIME**
- ▶ **EXPECTED START DATE : 1 SEPTEMBER 2026 (IDEALLY)**

OUR OFFER

With your career path and personal details, ULiège Human Resources Department can assess the gross monthly salary. Employment benefits such as reimbursement of public transportation fees and access to a [variety of training](#) opportunities are also included.

You will join a dynamic and stimulating work environment embedded in an internationally recognized research infrastructure. The position offers a high degree of autonomy and flexibility in organizing your work, enabling you to take initiative and actively shape your activities. You will have the opportunity to contribute to a major European Big Science project, while working within a multicultural and collaborative research environment that fosters innovation, knowledge exchange and international partnerships.



HOW TO APPLY?

Please send your application **as a single PDF file** to christophe.collette@uliege.be by **30 May 2026**. The email subject must include the reference **ETCRISTAL-2026-01**; applications without this reference will not be considered. The application file should include a **detailed curriculum vitae, a motivation letter, and the names of three referees**.

SELECTION PROCEDURE

- ▶ Applications will be **screened upon receipt** against the eligibility and selection criteria outlined in this vacancy
- ▶ A **shortlist of candidates** will be established by the selection committee based on a comparative evaluation of qualifications, experience and skills
- ▶ Shortlisted candidates will be **invited for an interview**, which may include an assessment of competencies relevant to the position
- ▶ The final decision will be made by the selection committee following a **transparent and merit-based evaluation process**.

Our corporate policy is based on diversity and equal opportunity. We select candidates on the basis of their skills and do not discriminate on grounds of age, sexual orientation, origin, beliefs, disability or nationality.

CONTACT DETAILS

Informal inquiries are welcome. Please contact: **Prof. Christophe Collette**
christophe.collette@uliege.be

Additional information:

- ET-CRISTAL: <https://www.etest-emr.eu>
- Precision Mechatronics Laboratory: <https://www.pml.uliege.be>
- Liège Space Center: <https://www.csl.uliege.be>
- University of Liège: <https://www.uliege.be>

Release date: 30/04/2026



Privacy policy

Personal data collected following your application will be processed by Christophe Collette of the University of Liege for the sole purpose of recruitment.

The data will be processed within the framework of pre-contractual measures (art. 6-1, b. of the General Data Protection Regulation) and kept for up to 9 months after the publication of the vacancy. Your personal data will not be passed on to any third parties.

In accordance with the provisions of the GDPR (EU 2016/679), you may exercise your data protection rights (right of access, rectification, erasure, restriction, and portability) by contacting ULiège Data Protection Officer (dpo@uliege.be - Mr. Data Protection Officer, Bât. B9 Cellule "GDPR", Quartier Village 3, Boulevard de Colonster 2, 4000 Liège, Belgium). You may also lodge a complaint with the Data Protection Authority (<https://www.autoriteprotectiondonnees.be>, contact@apd-gba.be).