

Position Description

1. General information

Position reference	RMIT-PF3: Digital Twins for Resilient Civil Infrastructure
Research topic	Digital twins for more effective crisis response and management, and infrastructure resilience.
Supervisors	<ul style="list-style-type: none"> • Sujeeva Setunge (RMIT University) • John Thangarajah (RMIT University) • Marta Fernandez (RMIT Europe) • Washington Ochieng (Imperial College London)
Research areas	Civil Engineering, Computer science, Geospatial science
Employing entity	RMIT Europe
Seconding entity	RMIT University and Imperial College London
Position funded by	<ul style="list-style-type: none"> • COFUND, Marie Skłodowska-Curie Actions (MSCA), Horizon Europe, European Union • RMIT Europe • RMIT University • Imperial College London
Additional information	<ul style="list-style-type: none"> • https://www.rmit.edu.au/research/centres-collaborations/disaster-research-and-response-network/capabilities • https://www.imperial.ac.uk/security-institute/
Foreseen start date	September 2025
Gross annual salary	37,000 EUR, plus complements defined below

2. Expected candidate profile

The expected candidate profile for the position:

- PhD in Engineering or Computer Science with relevance to the outlined research area.
- A first degree in Engineering with research experience in creating digital twins or digital solutions for infrastructure applications, or
- A first degree in Computer Science or a related discipline with research experience in Engineering applications.

3. Employment conditions

RMIT Europe offers a 36-month (3-year) postdoctoral full employment contract to work at its facilities in Barcelona, Spain as part of the AuSpire researcher training program, co-funded by the European Commission under the MSCA COFUND scheme. The total working hours per week are 37 and there is a probation period of 5 months.

The remuneration, in line with the European Commission rules for Marie Skłodowska-Curie grant holders, will consist of a gross annual salary of 37,000 EUR. The definite amount to be received by the Postdoctoral Fellow is subject to Spanish tax legislation.

The position will be jointly supervised by RMIT Europe and RMIT University. The Postdoctoral Fellow must undertake a secondment for up to 12 months. For this position, it is foreseen that the Postdoctoral Fellow divide their secondment to spend time at, both, RMIT University¹ in Melbourne, Australia, and Imperial College London, UK.

Additionally, the program includes annual in-person workshops at various locations across Spain, along with online training and networking activities.

Benefits include:

- 4,000 EUR relocation for employment stipend to cover costs associated to taking up employment (flights, visa, insurance, etc.), to be distributed monthly as a top-up to the gross salary.²
- 9,000 EUR relocation for secondment stipend to cover compulsory project-related travel and accommodation costs (flights, visa, insurance, accommodation, etc.).²
- 3,000 EUR travel stipend to cover flights and accommodation for participating in compulsory AuSpire training and networking events in Spain over the 3 years.²
- 314 EUR monthly family allowance offered to candidates who meet the criteria.^{2 3}
- Access to all the necessary equipment and facilities at RMIT Europe, RMIT and other academic institutions, as appropriate, in Spain or the UK.
- 22 days of paid holiday leave.
- 4 personal leave days.
- Christmas closure (between Christmas and New Year) – 4 working days of leave (not discounted from holidays).
- Spanish Social Security coverage.
- Sick leave.
- Parental leave.
- Hybrid work scheme.
- Two weeks per year remote work from anywhere.
- Flexible salary benefits (meals, transport, healthcare, kindergarten).

¹ There will be three Schools involved at RMIT Australia where the candidate will be able to do a secondment. These are Civil Engineering, Computer Science, and Geospatial Science.

² The definitive amount to be received by the Postdoctoral Fellow might be subject to Spanish tax legislation.

³ According to MSCA-COFUND requirements, Fellows with family obligations are entitled to a family allowance (i.e. persons linked to Postdoctoral Fellow by (i) marriage, or (ii) a relationship with equivalent status to a marriage recognised by the legislation of the country or region where this relationship was formalised; or (iii) dependent children who are actually being maintained by the Postdoctoral Fellow).

- Free coffee and free fruit.
- Becoming a Marie Skłodowska-Curie fellow and be invited to join the [Marie Curie Alumni Association](#).

