

La Trobe – European XFEL PhD Scholarship

Doctoral research scholarships awarded to outstanding candidates to undertake research in the area of ultra-fast X-ray imaging

Two prestigious scholarships, established by La Trobe University in partnership with the European X-Ray Free Electron Laser (EuXFEL), will be awarded to outstanding applicants who are interested in ultra-fast X-ray imaging of biomolecules and materials. The EuXFEL facility is located in Schenefeld, in the metropolitan area of Hamburg, Germany.

Candidates will be enrolled at La Trobe University and as part of their candidature will undertake a period of at least 12 months external candidature based at the EuXFEL facility, the world's most powerful X-ray source.

Applicants should have a high level of achievement, including a first-class honours degree or equivalent.

As an applicant you should have an interest in at least one of the following:

- biomolecular imaging and molecular movies;
- nanofabrication;
- coherent X-ray optics;
- instrumentation development;
- condensed matter physics.

Benefits of the scholarship

- Benefits of the scholarship include: a La Trobe Graduate Research Scholarship for three and a half years, valued at \$27,596.00 per year [2019 rate]
- a fee-relief scholarship (LTUFFRS) for four years to undertake a PhD at La Trobe University (international applicants only)
- A travel allowance of up to \$2,000 for a return airfare between Melbourne and Hamburg for each candidate's visit to the EuXFEL
- opportunities to work with leading international researchers at La Trobe and the EuXFEL
- opportunity to undertake cutting-edge research at the world's most powerful X-ray source

Eligibility criteria

To be eligible, you need to:

- have a Masters by research degree in a relevant discipline completed within the last ten years assessed at a La Trobe Masters by research standard of 75 or above; or
- equivalency based on an Honours or other minor thesis as determined by the Academic Entry Requirements in [La Trobe University's Graduate Research Admissions Policy](#)

Value

\$27,596.00 per year (indexed annually) for three and a half years fee-relief for four years plus a one-off travel allowance of up to \$2,000

How to apply

If you wish to apply for a La Trobe-European XFEL Scholarship, follow these steps:

1. Submit a **full** application for the scholarship and PhD candidature. Please include a general cover letter outlining your research interest in lieu of the research proposal. You are not required to identify a potential supervisor – identification of a supervisor will occur as part of the assessment process.

For instructions on how to apply visit:

<https://www.latrobe.edu.au/research/future/apply> and follow **Step 3**.

In your application, indicate clearly that you wish to be considered for the **La Trobe – European XFEL PhD Scholarship**.

2. Interview: If you are shortlisted for the scholarship and candidature, you will be invited to an interview with representatives of La Trobe and the EuXFEL
3. Final decision: The final decision will be made based on your application and interview. The successful candidate will be made an offer for candidature and scholarship.

Please make sure your application is complete and reaches us within the deadline, as we are unable to consider incomplete and/or late applications.

La Trobe will carefully review your application and consider your suitability for this scholarship. We anticipate that shortlisted applicants will be advised of the outcome of their application in **September 2019** and that successful applicants will commence candidature in 2020.

Closing date

15 August 2019

Contact us

If you require further information, please contact:

Ms Fabienne Perani

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Supplementary information

The La Trobe -European XFEL collaboration aims to train and inspire the next generation of interdisciplinary scientists. We welcome applications from all disciplines with an objective to grow Australia's capacity to undertake world-leading, international research.