

Postdoctoral Fellowship in Additive Manufacturing for
Energy Applications - REF 24PDR273
University of São Paulo

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Posted Apr. 26, 2024, set to expire Aug. 26, 2024

Job Title	Postdoctoral Fellowship in Additive Manufacturing for Energy Applications - REF 24PDR273
Department	School Polytechnical of the University of São Paulo https://sites.usp.br/rcgi/
Institution	University of São Paulo São Paulo, São Paulo, Brazil
Date Posted	Apr. 26, 2024
Application Deadline	May 10, 2024
Position Start Date	Jul. 1, 2024
Job Categories	Post-Doc
Academic Field(s)	Chemical/Petroleum Engineering - Other
Job Website	https://sites.usp.br/rcgi/opportunities/
Apply Online Here	https://docs.google.com/forms/d/e/1FAIpQLSfV4KkheEQeMJKiDnkVkOQiDm5pvKU28bFJR5uM
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**Job
Description**

Research theme area:

Additive Manufacturing; Energy Materials; Multiphysics Processes.

Abstract:

We announce a postdoctoral fellowship opportunity at the forefront of energy innovation. The selected candidate will join a dynamic research group at the University of São Paulo (USP) and Imperial College London to contribute to the advancement of additive manufacturing techniques for energy applications. This position is part of the SPEC-FAPESP project, "From Fundamental Science to Applied Technology: New Frontiers in Fuel Cell Technologies," hosted by the FAPESP-Shell Research Centre for Greenhouse Gas Innovation (RCGI) at POLI-USP. The project aims to revolutionize fuel cell technology, and detailed program and project information can be found on the RCGI website. (<http://www.rcgi.poli.USP.br/>).

Description:

The successful candidate will have the unique opportunity to drive forward the development of cutting-edge additive manufacturing processes tailored for energy applications. Leveraging expertise in additive manufacturing, electrochemistry, and materials science, the postdoctoral fellow will work on transdisciplinary research at the interface of chemistry, engineering, and materials science.

Requirements to fill the position:

We are seeking a highly motivated candidate with a Ph.D. in Engineering, or a related field, with a strong background in electrochemistry and additive manufacturing. Strong publication record and experience in collaborative research environments are highly desirable.

INFORMATION ABOUT FELLOWSHIP:

This Postdoc Fellowship is funded by FAPESP. The fellowship will cover a standard maintenance stipend per month for PD (amount available at <https://fapesp.br/valores/bolsasnopais>).

MORE INFORMATION:

<https://sites.usp.br/rcgi/opportunities/>

Position: **Post-Doctoral Fellowship REF.: 24PDR273**

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Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

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