



**ANEXO – RESUMO DO EDITAL EM INGLÊS**

**NOTICE DVACAD/IEE-USP/001/2022 (ABSTRACT)**

The Dean of the *Instituto de Energia e Ambiente da Universidade de São Paulo* announces the opening faculty position (position 1024795, full-time position service), specialty “Photovoltaic Solar Energy.” Interested applicants should hold a Ph.D. The position requires a commitment to teaching and the ability to conduct independent research. Applications will be accepted between August 1<sup>st</sup>, at 8 a.m., to September 29<sup>th</sup>, at 5 p.m. (GMT-3). The entry-level monthly salary (MS3 level) is R\$ 13,357.25 plus benefits.

The public competition will cover the following program:

1. Solar radiation, characterization, and estimation.
2. Distributed power supply with photovoltaic systems.
3. Solar home systems for rural electrification.
4. Photovoltaic systems and microgrids for rural electrification.
5. Building Integration of photovoltaic systems.
6. Photovoltaic systems electrical installations.
7. Photovoltaic systems performance evaluation.
8. Photovoltaic systems inspection and commissioning.
9. Photovoltaic systems with behind-the-meter battery storage.
10. Photovoltaic systems with front-of-the-meter battery storage (utility-scale).
11. Photovoltaic system’s grid connection interface characteristics.
12. Strategies for battery storage managing and photovoltaic power systems connected to the electrical system.
13. Power fluctuations in large photovoltaic systems.
14. Barriers and challenges for the insertion of photovoltaic generation in the SIN (National Interlinked System).
15. Photovoltaic systems and ancillary services.

The public competition will be governed by Brazilian constitutional principles, notably that of Impersonality, as well as by the Statute and the General Regulations of the Universidade de São Paulo and the Regulations of the Instituto de Energia e Ambiente.

Applications must be submitted exclusively via the website <https://uspdigital.usp.br/gr/admissao> in the period indicated above. The candidate must submit an application letter to the *Instituto de Energia e Ambiente* Director.

More information and rules relevant to the public competition of titles and tests are available to interested parties at the Academic Division of the *Instituto de Energia e Ambiente da Universidade de São Paulo*, located at Av. Professor Luciano Gualberto, 1289, Building F, rooms F-14 and F-21, Telephone 5511-3091-2505 and



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