



Opportunities at the Artificial Lift and Flow Assurance Research Group - ALFA

The **Artificial Lift and Flow Assurance Research Group of CEPETRO-UNICAMP** has opened a call for applicants for fellowship opportunity funded by **TotalEnergies** in the area of: **PIV Technique and Image/Video Processing Expertise**.

Currently, ALFA has the following fellowship opportunity:

| VACANCY (code) | PROFESSOR | THEME | REQUIREMENTS |
|-----------------------|---|---|--|
| Post-doctoral (TE_PD) | Prof. Marcelo Souza de Castro – FEM/UNICAMP | Experiments in PIV and Image/Video Processing for Multiphase Flows | Ph.D. in Mechanical, Petroleum, Chemical or Control and Automation Engineering, or similar areas related to PIV, image processing, multiphase flow and experimental study. |

The applicants must send the following documents by e-mail to Prof. Marcelo Souza de Castro (mscastro@unicamp.br) and Dra. Daiane Mieko Iceri (daianeiceri@cepetro.unicamp.br) until 15th January of 2023.

- 1) Resume and full academic records, including the GPA;
- 2) A motivation letter, written in English, explaining the interest in the vacancy (please inform the vacancy code) and your motivation for joining the research center;
- 3) Two letters of recommendation.
- 4) Scientific publications, Master and Ph.D. Thesis.

An interview will be scheduled after the analysis of the applicant's documentation.

Important:

- The vacancy requires an advanced level in English.
- The vacancy is a full-time research opportunity.
- The post-doctoral fellowship lasts for 12 months (with possibility of extension) with a monthly amount of R\$ 8.479,20 and access to the health-care system of UNICAMP.