



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

The **Artificial Lift and Flow Assurance Research Group (ALFA)** has opened a call for applicants for fellowship opportunities funded by **PETRONAS** in the area of **Experiments in Multiphase Flows with Image/Video Processing**.

Currently, ALFA has the following fellowship opportunities:

VACANCY (code)	PROFESSOR	THEME	REQUIREMENTS
Master's degree (PN_MS_1)	Prof. Marcelo Souza de Castro – FEM/UNICAMP	EXPERIMENTS IN MULTIPHASE FLOWS IN PIPES: TRANSIENT WITH WATER ACCUMULATION (“STOP” PROCESS)	Graduate degree in Mechanical, Petroleum, Chemical or Control and Automation Engineering, or similar areas related to multiphase flow and experimental study.
Master's degree (PN_MS_2)	Prof. Marcelo Souza de Castro – FEM/UNICAMP	EXPERIMENTS IN MULTIPHASE FLOWS IN PIPES: TRANSIENT WITH GAS INJECTION (“START” PROCESS)	Graduate degree in Mechanical, Petroleum, Chemical or Control and Automation Engineering, or similar areas related to multiphase flow and experimental study.

The applicants must send the following documents by e-mail to Prof. Dr. Marcelo Souza de Castro (mscastro@unicamp.br) and Dr. William Monte Verde (wmv@unicamp.br) until 30th September. Please inform the code *PN_MS_1* and/or *PN_MS_2* in the subject:

- 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.

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

Important:

- All vacancies require an advanced level in English.
- All vacancies are full-time research opportunities.
- The master's fellowships last for **24 months**, starting on **1S/2024**, with a monthly amount of **R\$ 2,661.60** and access to the health-care system of UNICAMP.