



Opportunity at the Research Center in Reservoir Engineering and Oil Production Management - EPIC (Energy Production Innovation Center)

The **Research Center in Reservoir Engineering and Oil Production Management - EPIC** has opened a call for applicants for fellowship opportunity funded by **FAPESP** in the area of **Production optimization using reservoir simulation models**, on the topic **Numerical modeling of multiphase flow in porous media**.

Currently, EPIC has the following fellowship opportunity:

VACANCY (Code)	PROFESSOR	TOPIC	REQUIREMENTS
Master (RL1_WP3.1.1)	Alberto Saa (IMECC/UNICAMP)	Numerical modeling of multiphase flow in porous media	Strong mathematical background, particularly in Linear Algebra, and interest in high performance computing (C++, CUDA, HIP, etc)
Ph.D. (RL1_WP3.1.2)	Alberto Saa (IMECC/UNICAMP)	Numerical modeling of multiphase flow in porous media	Strong mathematical background, particularly in Linear Algebra, and some experience with high performance computing (C++, CUDA, HIP, etc)

The applicants must send the following documents by e-mail to Alberto Saa (asaa@ime.unicamp.br) until May 31st. Please inform the corresponding vacancy code 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;

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

Important:

- All vacancies require fluency in English.
- Both projects can be carried out indistinctively under the Postgraduate Studies Program in Applied Mathematics or in Petroleum Sciences and Engineering. The prospective students must register for the pertinent selection processes for entry in the 2nd Semester of 2024 or in the 1st of 2025.
- For more details on the candidate's requirements, check out Fapesp's webpage
<https://fapesp.br/bolsas/ms>
<https://fapesp.br/bolsas/dr>