



ID de Contribution: 86

Type: Non spécifié

On the Stability of Natural Convection Flows in Laterally Heated non-Newtonian Fluid Layers

vendredi 3 juillet 2026 14:00 (20 minutes)

This MSc internship offers an opportunity to deepen the understanding of natural convection phenomena in non-Newtonian fluids. It will enable the student to develop advanced skills in numerical modeling and stability analysis while contributing to advancing knowledge in this domain. The results could also pave the way for applications in various sectors, such as geothermal energy, energy recovery, or industrial processes involving non-Newtonian fluid flows.

Master

Laboratoire d'accueil

Composante ou Département Composante

Auteurs principaux: SI SALAH, LINA (Université Claude Bernard Lyon 1); Mme MILLET, SEVERINE (LMFA)

Orateurs: SI SALAH, LINA (Université Claude Bernard Lyon 1); Mme MILLET, SEVERINE (LMFA)

Classification de Session: Vendredi après midi