ID de Contribution: **1**   Type: **Non spécifié**

Isoperimetric inequalities and the critical mass in nuclear fission

lundi 9 octobre 2023 09:30 (1 heure)

I will discuss the connection from the classical isoperimetric inequality to the critical mass in nuclear fission reactions predicted by the liquid drop model. In particular, I will address several open questions and some recent results on the existence and nonexistence of minimizers. The talk is based on joint work with Rupert Frank.

Orateur: Prof. NAM, Phan Thanh (LMU)