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The Geometry of Diverging Orbits (3/3)

vendredi 11 juillet 2025 16:00 (1 heure)

The study of diagonal group actions on homogeneous spaces occupies a central role in modern homogeneous dynamics, with deep connections to number theory, ergodic theory, and the geometry of locally symmetric spaces. In this talk, we focus on the ones which escape to infinity. We explore recent advances in the analysis of such orbits, emphasizing the use of representation theory and their geometric properties as powerful tools to probe their structure, and more specifically to distinguish between certain types of them.

Orateur: TAMAN, Nattalie (Imperial College London)