

Séminaire de géométrie algébrique de Rennes¹

Exposé du jeudi 22 octobre 2015

MONODROMY IN THE CONTEXT OF LOG GEOMETRY

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Résumé : I will review the construction of the Kata-Nakayama space X_{\log} and its role in the study of compactification, degeneration, and vanishing cycles. As an application, I will explain a simple formula giving an approximation for the monodromy action on the complex of vanishing cycles in complex analytic and ℓ -adic étale cohomology. This is joint work with Piotr Achinger.

1. Les jeudis matin, de 10 h 30 à 11 h 30, salle 004, IRMAR (bâtiment 22), Université de Rennes 1, Campus de Beaulieu