ID de Contribution: **10**   Type: **Non spécifié**

Characteristic Cycle and Pushforward

mardi 23 avril 2024 16:30 (1 heure)

Characteristic cycle for l-adic sheaf was introduced by T. Saito after the existence of singular support by Beilinson. This measures the ramification of the sheaf, and can be viewed as a vast generalization of Swan conductor. Various compatibility with cohomological operation had been verified by Saito and Beilinson, but the compatibility of pushforward along proper morphism has been left open. In this talk, I wish to discuss this compatibility.

Orateur: Prof. ABE, Tomoyuki (IPMU - University of Tokyo)