



Du
29
JAN.
2022

13h30
-
14h30

SÉMINAIRE BOURBAKI

Philippe Michel — Recent progress on the subconvexity problem

IHP
Hermite

EXPOSÉ ANNULÉ ET REPORTÉ

The subconvexity problem aims at providing non-trivial (ie. subconvex) bounds for central values of automorphic L-functions; the main conjecture in this area is the Generalized Lindeloef Hypothesis which itself is a consequence of the Generalised Riemann Hypothesis. This lecture will survey several advances that have been made on this question during the past ten years : these include the delta-symbol approach of R. Munshi, the Weyl type bounds of I. Petrow and M. Young (both use the Dirichlet L-series representation of the central values) and the work of P. Nelson and A. Venkatesh (who use the automorphic period representations for the central value).

NB: A youtube link is available on [bourbaki.fr](https://www.bourbaki.fr)

URL de la page : https://www.ihp.fr/fr/agenda/philippe-michel-recent-progress-subconvexity-problem&is_pdf=true



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HORAIRES

Lundi au vendredi : 8h30 à 18h
Fermé les jours fériés