Du
29
JAN.
2022

14h30
-
15h30

SÉMINAIRE BOURBAKI

Philippe Michel — Recent progress on the subconvexity problem

IHP
Hermite

INSCRIPTION

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

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

INSTITUT HENRI POINCARÉ - UAR839

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

HORAIRES

L'institut :
• lundi au vendredi de 8h30 à 18h,
• fermé les jours fériés.

Le musée - Maison Poincaré :
• lundi, mardi, jeudi et vendredi
de 9h30 à 17h30,
• samedi de 10h à 18h,
• fermé le mercredi et le dimanche.

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