SEMPARIS – Séminaires en région parisienne

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TBA

Mercredi 14 Octobre 2015, 14 :30
IHES, Amphithéâtre Léon Motchane(Semestre "Return of the IHES Post-doc Seminar")
Domaines : hep-th

Titre : *Rigid analytic geometry, skeletons, and non-Archimedean integrable systems*

Orateur : **Andrew Macpherson (Imperial College London & IHÉS)**

Résumé : *The theory of skeletons gives a way to write a non-Archimedean analytic space as fibred generically in tori over a polyhedral complex of (real) dimension equal to that of the analytic space. One does this procedure in the hope that the polyhedral complex can eventually tell us something about the original space. This is a precise version of a still mainly conjectural picture in complex geometry.*

I'll give a panoramic overview of the various structures appearing in the subject, the techniques involved in constructing them, and what they can do for us.
