

## **abstract**

JOINT PRINCETON-IAS NUMBER THEORY SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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In this talk, I will give applications of Kedlaya's recent results on  $p$ -adic differential equations. In particular, I will give a new proof of Colmez-Fontaine's theorem which describes semistable  $p$ -adic representations.