



Du  
**26**  
NOV.  
2021

13h30  
-  
14h30

### **SÉMINAIRE BOURBAKI DU VENDREDI**

#### **Franziska Jahnke — Dividing lines in the model theory of fields**

IHP  
Darboux

Studying first-order theories via combinatorial properties of formulae lies at the heart of pure model theory. The question whether these so-called dividing lines correspond to purely algebraic notions when applied to fields has been a driving force in the model theory of fields for the past 40 years. In this talk, we introduce the relevant model-theoretic combinatorial definitions (including NIP and dp-rank) as well as discuss their field-theoretic consequences. In particular, we give an overview of the area and its main conjectures.



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**HORAIRES**

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