

Jean-Morlet Chair - Conference
Arithmetic Statistics - Statistiques arithmétiques

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Title: *Subrings of number fields*

Abstract: Subrings of number fields, especially those that are of finite type, are worth being investigated from an algorithmic point of view. The question of how such rings are best represented in algorithms already presents several problems that challenge our theoretical understanding. In the lecture, both new results and open problems will be discussed. It is based on work that was done jointly with Daan van Gent, Samuel Tiersma, and Jeroen Thuijs, all at Leiden.