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# Seminar

## Parabolicity conjecture of F-isocrystals

by

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*Max-Planck-Institut für Mathematik in Bonn*

### Abstract:

We will present recent developments in the theory of overconvergent F-isocrystals, the p-adic analogue of ell-adic lisse sheaves. For the most part of the talk, we will explain the proof of the parabolicity conjecture, a conjecture proposed by Crew in '92 on the algebraic monodromy groups of overconvergent F-isocrystals. In the end, we will explore some consequences.

Date : December 2, 2020 (Wednesday)

Time : 9:00 am – 10:00am (Hong Kong SAR)

Zoom link :

<https://cuhk.zoom.us/j/97838822137?pwd=ZTVvSC9abmNjR3RCcS9FTzJNTVhXdz09>

Meeting ID: 978 3882 2137

Passcode : sesame

*All are Welcome*