



*Institute of Mathematical Research  
Department of Mathematics*

# Number Theory Seminar

**Extensions of vector bundles on the Fargues-Fontaine curve**

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## Abstract

Motivated by a classical result of Schlesinger, we will present a classification of extensions of vector bundles on the Fargues-Fontaine curve. As an application, we shall indicate how to determine the Newton strata entirely contained in the weakly admissible locus of the  $p$ -adic flag varieties. This is a joint work with Chen Miaofen.

Date:	April 11, 2022 (Monday)
Time:	2:00 – 3:00pm (Hong Kong Time)
Venue:	ZOOM: <a href="https://hku.zoom.us/j/">https://hku.zoom.us/j/</a> Meeting ID: 232 576 6007

*All are welcome*