

Arithmetic Geometry - A Conference in Honor of H el ene ESNAULT on the  
Occasion of Her 70th Birthday

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## Weight Filtration on Log Crystalline Site

*vendredi 26 avril 2024 11:00 (1 heure)*

Let  $p$  be a prime. For a family of simple normal crossing log varieties on which  $p$  is nilpotent, we construct a filtered complex on certain log crystalline site which gives rise to the weight filtered  $p$ -adic Steenbrink complex defined by Mokrane and Nakkajima when we project it to the Zariski site.

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