

Arithmetic Geometry - A Conference in Honor of Hélène ESNAULT on the
Occasion of Her 70th Birthday

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The Frobenius Action on the De Rham Moduli Space

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In a suitable mixed characteristic setting, the moduli stack of flat vector connections can be endowed with a Frobenius-pullback operation. This talk is devoted to the properties of this map, which yields amongst other things a new construction of the F -isocrystal structure for rigid flat connections. This is joint work with Hélène Esnault.

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