

# Topology Seminar

**Elden Elmanto**

of Harvard University will be speaking on

## Motivic cohomology and two rivers

on February 6 at 4:30 in  
MIT Room 2-131

I want to explain what I've learned about motivic cohomology by being around two rivers the past four years: the Seine and the Charles. Topics include some resolution of Voevodsky's conjectures on slices (joint with Bachmann and Bachmann and Morrow), the construction of motivic cohomology beyond the smooth case (with Morrow), various exotic Grothendieck topologies (with Hoyois, Iwasa and Kelly), some applications to algebraic cycles (in progress each with Burklund/Rakisit/Addington/Schlank).

The audience will be free to direct the talk as appropriate.

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