

Meeting: 1001, Evanston, Illinois, SS 19A, Special Session on Algebraic Representations and Deformations

1001-16-145 **Alexander A Voronov*** (voronov@umn.edu), School of Mathematics, University of Minnesota,
206 Church St SE, Minneapolis, MN 55455. *Hochschild cohomology of n-algebras and string
topology*. Preliminary report.

We will outline a proof of Kontsevich's conjecture on the Hochschild cohomology of n-algebras (joint with Po Hu and Igor Kriz) and discuss its relation to string topology. (Received August 20, 2004)