

1155-18-511 **Benjamin Cooper***, University of Iowa, Department of Mathematics, 14 MacLean Hall, Iowa City, IA 52242. *Hall algebras of surfaces*.

I'll discuss ongoing work on computing the Hall algebras of Fukaya categories of surfaces. I'll talk about presentations for these algebras and discuss the role they play in low dimensional topology. Some of this work is joint with Peter Samuelson and Fabian Haiden. (Received January 20, 2020)