



## Mathematics and CS Seminar

# Cohomological algebras and factorization algebras

**Eric Vasserot (Université Paris Diderot)**

**Host: Tamas Hausel**

I will review some recent joint work with M. Kapranov where we define a cohomological Hall algebra associated with any smooth algebraic surface.

I will also explain how to prove a PBW theorem for these algebras, using factorization algebra techniques.

**Thursday, April 18, 2019 01:30pm - 03:30pm**

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: <https://ist.ac.at/en/campus/how-to-get-here/> The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.