

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

## QUANTIZING MAPPING STACKS

Ryan Grady  
Montana State University

March 1st(Friday), 2019, 4:00 – 5:00pm  
Math/Computer Science, B21  
111 Cummington Street, Boston

Tea: 3:45pm in Room B21

**Abstract:** I'll recall the AKSZ-PTVV formalism for constructing classical field theories on mapping stacks with target a shifted symplectic space. I will discuss multiple instantiations of this paradigm, including the Poisson Sigma Model, the Courant Sigma Model, and character varieties of knot manifolds.

See <http://math.bu.edu/research/geom/seminar.html> or contact Yoosik Kim ([yoosik@bu.edu](mailto:yoosik@bu.edu)) or Siu-Cheong Lau ([lau@math.bu.edu](mailto:lau@math.bu.edu)) for more information.