BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

FUKAYA CATEGORIES OF BLOW-UPS

Chris Woodward
Rutgers University

September 23, 2020, 4-5pm
Zoom link:
https://bostonu.zoom.us/j/97456419902?pwd=Vk5hdGQ0dlgwTXZkZ1hRUHM0WndqZz09
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Abstract: This is joint work with Venugopalan and Xu. In good cases, we construct split-generators for the Fukaya category of sufficiently small symplectic blow-ups. For example, for iterated blow-ups of projective spaces this implies an affirmative answer to Kontsevich's question on the relation between quantum cohomology and Hochschild cohomology of the Fukaya category.

See `http://math.bu.edu/research/geom/seminar.html` or contact Yu-Shen Lin (*yslin@bu.edu*) or Siu-Cheong Lau (*lau@math.bu.edu*) for more information.