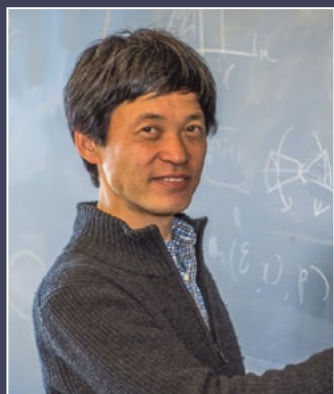


LECTURE SERIES

Mathematical Science Literature

February 23, 2021

9:00am ET- Virtually



Kenji Fukaya

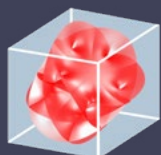
Simons Center for Geometry
and Physics

“Homological (homotopical) algebra and moduli spaces in Topological Field theories”

Moduli spaces of various gauge theory equations and of various versions of (pseudo) holomorphic curve equations have played important role in geometry in these 40 years. Started with Floer’s work people start to obtain more sophisticated object such as groups, rings, or categories from (system of) moduli spaces. I would like to survey some of those works and the methods to study family of moduli spaces systematically.

Talk chair: Peter Kronheimer

**This lecture will be held virtually.
[Click here to register](#)**



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