



Online ISU Algebra Seminar

Date and Time: April 21, 2022, from noon to 12:50 pm.

Speaker: Andrew Linshaw, Ph. D. (University of Denver)

Title: Universal objects in vertex algebra theory

Abstract: Universal objects are certain vertex algebra which are defined over commutative rings, such that the ring is maximal in an appropriate sense. They are useful for classifying vertex algebras with prescribed strong generating types. I will give some examples of universal objects and explain how they are used in my recent proof with Thomas Creutzig of the Gaiotto-Rapcak triality conjectures.

About Speaker: Andrew Linshaw received his Ph.D in Mathematics from Brandeis University in 2005 under the supervision of Professor Bong H. Lian. Also, he was a postdoctoral fellow at National University of Singapore, University of California San Diego, and TU Darmstadt. Currently, Professor Andrew Linshaw is an associate professor at Department of Mathematics, University of Denver. His research interests are in representation theory, invariant theory, vertex algebras and infinite-dimensional Lie algebras.

Zoom Meeting Information

Join Zoom Meeting

<https://illinoisstate.zoom.us/j/91671891930?pwd=T3Ziam4zWE5sOXdINnRUV3NsbGdHdz09>

Meeting ID: 916 7189 1930

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