



Online ISU Algebra Seminar

Date and Time: March 31st, 2022, from noon to 12:50 pm.

Speaker: Darlayne Addabbo, Ph.D. (The University of Arizona)

Title: Higher Level Zhu Algebras and Applications

Abstract: Zhu algebras and their generalizations, higher level Zhu algebras, are associative algebras that are extremely useful in the study of vertex operator algebras. In this talk, I will discuss these algebras, motivation for their study, and results on determining their structure. Prior knowledge of vertex operator algebras will not be assumed. (Some of this talk is based on joint work with Barron and some is based on joint work with Barron, Batistelli, Orosz-Hunziker, Pedi, and Yamskulna.)

About Speaker: Darlayne Addabbo is the Hano Rund Postdoctoral Fellow at the University of Arizona. She received her Ph.D. in 2017 from the University of Illinois at Urbana-Champaign and was previously a Visiting Assistant Professor at the University of Notre Dame. Darlayne Addabbo's research is in vertex operator algebras and integrable systems.

Zoom Meeting Information

Join Zoom Meeting

<https://illinoisstate.zoom.us/j/91671891930?pwd=T3Ziam4zWE5sOXdlNnRUV3NsbGdHdz09>

Meeting ID: 916 7189 1930

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