

ISU Algebra Seminar



Title: Tensor Categories arising from the Virasoro algebra

Speaker: Florencia Orosz Hunziker (University of Colorado, Boulder)

Time: 1:00 pm - 1:50 pm on Thursday (10/01/20)

Zoom Meeting ID: 997 7188 6814, Passcode: AlgSeminar

Abstract: In this talk we will discuss the tensor structure associated with certain representations of the Virasoro algebra. In particular, we will show that there is a braided tensor category structure on the category of C_1 -cofinite modules for the Virasoro vertex operator algebras of arbitrary central charge. This talk is based on joint work with Jinwei Yang, Thomas Creutzig, Cuibo Jiang and David Ridout.

About Speaker: Dr. Orosz-Hunziker is currently a Burnett Meyer postdoc in the Mathematics department at the University of Colorado, Boulder. She received her Ph. D. at Yale University in 2019 under the supervision of Igor Frenkel. Also, Dr. Orosz-Hunziker was a lecturer in Mathematics at Harvard University from 2019 to 2020.

Dr. Orosz-Hunziker's research interests are Vertex algebra theory, Lie theory and representation theory.

Join Zoom Meeting

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