

ALGEBRA
SEMINAR

*Indefinite theta functions and quantum modular forms of
higher depth*

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Abstract: In the last years, the understanding of indefinite theta functions has advanced through the work of multiple authors, exhibiting them as mock modular forms of higher depth. We will present results (joint with Kathrin Bringmann and Antun Milas) where we used the completions of indefinite theta functions to show quantum modular properties of certain higher rank false theta functions (appearing naturally in representation theory).

Thursday, February 21, 2019, 5:00 pm
Mathematics and Science Center: E408

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