



Department of  
Mathematical Sciences

# Colloquium

**Dr. Michael Hull**

Assistant Professor of Mathematics

**University of North Carolina-Greensboro**

Friday,  
October 22nd,  
2021 @ 2:00pm

Online via Microsoft  
Teams



**Dr. Carolyn  
Abbot**

UW-Milwaukee  
Department of  
Mathematical Sciences

EMS Building, Room E403  
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## **Generalized Graph Manifolds and the Singer Conjecture**

We prove the Singer Conjecture for extended graph manifolds (in the sense of Frigerio-Lafont-Sisto) and pure complex-hyperbolic higher graph manifolds (in the sense of Connell-Suarez-Serrato) with residually finite fundamental group. The proof is based on Price inequalities developed by Di Cerbo-Stern. This is joint work with L. Di Cerbo.

Link to online event: <https://bit.ly/3m65sBt>



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