



Department of
Mathematical Sciences

Colloquium

Ms. Caroline Merighi

PhD Student

Tufts University

Friday,
Feb. 7, 2020
EMS Building
Room E495
2:00 pm



**Ms. Caroline
Merighi**

UW-Milwaukee
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Context Matters: How Beliefs Impact Reasoning about Calculus and Proofs

We will look at calculus students' beliefs about mathematics and how those beliefs impact the ways they reason about graphs of functions. We will also examine middle and high school mathematics teachers' beliefs about proofs and how teachers evaluate student proofs. The evidence suggests that not only students' and teachers' beliefs impact their reasoning, but also that their beliefs are dynamic and depend on the specifics of the context they are working in.

Light refreshments will be served at 1:30pm in E424A.



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