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*Mathematicians Engaging with Teachers: The Master of Mathematics for Teachers Program*

There are many ways that mathematicians can engage with mathematics teachers. In this talk I will talk about my experience working with teachers in a fully online professional masters degree program in mathematics which I started a little over a decade ago at the University of Waterloo. After briefly describing the history and structure of the program, as well as our goals in setting it up, I will talk about the lessons I have learned from the 600+ teachers I had engaged with while teaching in the program. I will also try to make the case for why I believe it is so important that mathematicians and mathematics teachers continue to build bridges between our two communities.