



Department of Mathematics



MathClub@WMU

Michigan Epsilon Chapter of Pi Mu Epsilon

Electric Cars: Do the Math

Dr. Paul Pancella

This may not be your typical Math Club talk. We are at the start of a major change in society, the shift from liquid fuels to battery power for a large share of ground transportation. I will briefly describe why I think this shift is good and necessary, but I will focus on the kind of quantitative reasoning that will help the average person deal with this major transition. The math employed will not challenge the audience, but I hope the applications will be of some interest. One focus will be on ways to educate and explain the required math concepts (ratios, weighted averages, time integration "functions" representing variable rates) to the general public. I hope to be flexible and leave plenty of time for questions in order to tailor this presentation to the interests of the audience.

4 p.m. Friday February 22
6625 Everett Tower, WMU Main Campus

All are welcome!

<http://www.wmich.edu/mathclub/>

Questions? Contact Patrick Bennett (patrick.bennett@wmich.edu)