

## **The 10th Annual Upper Peninsula High School Math Challenge**

John X. Jamrich Hall, Northern Michigan University

Saturday, April 6th, 2019

10:00 AM

Join the fun! Your students are invited to participate in the 10th annual U.P. High School Math Challenge. Teams consist of four students and each school may bring any number of teams. If the number of interested students happens not to be divisible by four, or if you have fewer than four interested students, please register anyway; we can form hybrid teams comprised of students from more than one school.

Students will compete individually and as teams. Individual questions will be solved one at a time with relatively short time limits (approximately three or four minutes). Team questions will be distributed as a packet and will be worked on collectively by the entire team with a larger time limit (approximately 45 minutes). The team relay portion will be part of the challenge and will count toward the final score.

The questions will draw from topics covered in pre-calculus high school mathematics, including, but not limited to, algebra, logic, probability, series, plane and solid geometry, and plane trigonometry. The team questions may require a greater degree of insight into the solution than the individual questions. You can visit <http://philos.nmu.edu/UPCHALLENGE9/> for problems and solutions from previous years.

- Pizza lunch will be provided.
- There is no participation fee for this event.
- Register as many teams as you like using one form per team.
- Email ([math\\_cs@nmu.edu](mailto:math_cs@nmu.edu)) or fax (906-227-2010) the forms by **March 2nd, 2019**.
- For additional information regarding the event please email Daniel Rowe ([darowe@nmu.edu](mailto:darowe@nmu.edu)).
- The event will be held in Jamrich Hall on the Northern Michigan University campus.
- Please visit the webpage <http://www.nmu.edu/mathandcomputerscience/math-challenge> for up-to-date information regarding the event.