
Virginia Tech Math Contest, Oct. 22

Location: LSU Campus, TBA Registration Deadline: Sep. 30

Putnam Exam, Dec. 3

Location: Lockett Hall Registration Deadline: Oct. 3

** Problem-Solving Seminar **

Every Wednesday, 5:00 - 6:30 P.M. Third-Floor Lockett Lounge

Open to any **Undergraduate**[†] Student

Free Pizza dinner provided!!

[†] Calculus (MATH 1550) is a required prerequisite.

Are you interested in challenging and fun Math Problems? Attend the weekly Problem-Solving Seminar and sign up to represent LSU in national Competitions! Everyone is welcome: you do **not** need to be a math major!

Learn how to solve problems like these:

- Is there any real number $x \neq 2016$ such that

$$2016e^x = xe^{2016}?$$

- Evaluate

$$\int_0^{\frac{\pi}{2}} \frac{\sin^2(x) + \sin(x) \cos(x)}{1 + \sin(2x)} dx.$$

- Find all n such that $\left(\frac{19}{2}\right)^n + \left(-\frac{3}{2}\right)^n$ is an integer.

To register or learn more about the Competitions, please feel free to attend the Problem-Solving Seminar, visit the website below, or write to Professor Karl Mahlburg.

e-mail: mahlburg@math.lsu.edu

Website: www.math.lsu.edu/~mahlburg/teaching/2016-Putnam.html
