

Lecturer: David Vogan (Massachusetts Institute of Technology)

Title: The character table for E_8 , or how we wrote down a 453060×453060 matrix and found happiness

Abstract: This is a story about what happens when pure mathematicians, proud of their inability to add, try to do a really large calculation. You'll learn why, if you ask your computer to count to 1,181,642,979, you should not write a counter to the screen.