

Mathematical Careers

Breaking Enigma the First Time

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Abstract: I have two goals in this talk. The first one is to give you some idea of what it is like to work at my center and more generally in the community we are part of. The second goal is to give you some idea about how useful and important our kind of work is. Now both goals are obstructed because our work is classified. For the first, I will give some idea of how we work, if not what we do. For the second, I will give a historical example describing how the Poles in World War II broke the German Enigma machine, and some of the math involved. As part of this section of the talk, I will invite you to examine and operate a original Enigma machine.

Friday, February 22 at 3:00 PM in 636 SEO