

Graduate Math and Physics Seminar

Cyberthreats: what can a mathematician do about it?

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Abstract: Hardly a week passes by without new reports of data breaches; for example: the 2017 Equifax data breach exposed the sensitive personal info of 143M Americans; the 2015 OPM data breach where sensitive information, including SSNs of 21.5 million individuals, was stolen from the background investigation databases; the 2013 Target data breach that affected more than 41 million of the company's customer payment card accounts and where Target paid a multi-state settlement of over \$18M. What can we do? Cybersecurity protects information, systems and assets, while delivering business value through risk assessment and mitigation strategies. Think of it as follows: you invest capital in developing intellectual property; Cybersecurity ensures that you profit from it. This talk will survey the landscape of Cybersecurity, and showcase the work we are currently conducting at CSU Channel Islands in partnership with the Navy and the SoCal High Technology Task Force.

When: Monday, February 18, 2019, 6:00 – 7:00 pm
Where: CSUCI, Sierra Hall 2411