

Information Science and Technology Seminar Series



George Cybenko, Dartmouth

“Computational Behavioral Analysis”

Wednesday, June 6, 2012

3:00 - 4:00 PM

TA-3, Bldg. 1690, Room 102 (CNLS Conference Room)

Abstract: This talk will introduce approaches for modeling and analyzing behaviors, including algorithms and statistical methods with applications in computer security, border security and other areas. Distinctions will be made between different uses of behavioral modeling as well. The presentation is tutorial and requires minimal technical background beyond basic statistics and probability although some game theory ideas will be introduced.

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Biography: George Cybenko is the Dorothy and Walter Gramm Professor of Engineering at Dartmouth. Professor Cybenko has made seminal research contributions in signal processing, neural computing, parallel processing and computational behavioral analysis. He was the Founding Editor-in-Chief of IEEE/AIP Computing in Science and Engineering and IEEE Security & Privacy. He has served on the Defense Science Board (2008-2009) and on review and advisory panels for DARPA, IDA/CCS, NSA, BAE Systems and Lawrence Livermore National Laboratory. Professor Cybenko is a Fellow of the IEEE and received his BS (Toronto) and PhD (Princeton) degrees in Mathematics.