



# *Towards a Science of Security Games: Key Algorithmic Principles, Deployed Applications and Research Challenges*

*Professor Milind Tambe*

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2015/Oct. 6th (Tues) 16:20-17:50  
Main Hall, Bldg.4

*Winner of*

*2015 Engineering Project of the Year Innovation Award*  
*2013 Meritorious Team Commendation from*  
*Commandant of the US Coast Guard*  
*and more!*

Research Interest:

*Game Theory for Security*  
*Game theory, Machine Learning and Environmental Crime*  
*Algorithmic Experimental Game Theory and Human Behavior*  
*Contagion / Diffusion Theory*  
*Multi-agent Team Formation*  
*Predicting crime with data, helping police with game theory*

About Speaker:

*2012 Helen N. and Emmett H. Jones Professor in Engineering, University of Southern California (USC)*  
*2010 Professor, Daniel J. Epstein Department of Industrial and Systems Engineering Department, University of Southern California (USC)*  
*2006 Professor, Computer Science Department, University of Southern California (USC)*  
*2001 Associate Professor, Computer Science Department, University of Southern California (USC)*  
*2000 Research Associate Professor, Computer Science Department, University of Southern California*  
*1994 Research Assistant Professor, Computer Science Department, University of Southern California*  
*1998-2003 Project Leader, Information Sciences Institute (ISI), University of Southern California (USC)*  
*1993 Computer Scientist, Information Sciences Institute, University of Southern California*  
*1991 Research Associate, School of Computer Science, Carnegie Mellon University.*  
*1991 PhD. School of Computer Science, Carnegie Mellon University*  
*1986 M. Sc.(tech) Computer Science: Birla Institute of Technology and Science(BITS), Pilani, India*