

**CONFERENCE ON  
“HUMAN AND MACHINE LEARNING”  
March 13-15, 2009**

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**The theory and modeling of learning processes has been studied by scientists from various perspectives and for both natural and artificial systems (humans and computers). Machine learning is a major research area in computer science and statistics, while human learning has long been investigated in social sciences such as in psychology and cognitive science. The two learning approaches are related but different in many ways. In this workshop, we bring together leading experts to present overview and research lectures to explore the interplay of human and machine learning methodologies and algorithms in solving challenging problems in science and engineering. We hope to use the insights from the cognitive study of human learning to inspire novel machine learning methods, and on the other hand expand the processing power of machine learning algorithms to advance our understanding of human learning and the cognitive functions of the brain.**

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