

**Grambling State University**  
**Office of Sponsored Programs Seminar Series**  
**“Resurgence of Machine Learning”**



**Guest Speaker:**  
**Dr. Shahram Latifi**  
**Professor of Electrical and Computer Engineering**  
**Co-Director of Center for Information Technology and Algorithms**  
**University of Nevada, Las Vegas**

**When: Monday February 26, 2018 at 10 am**

**Where: Grambling Hall Auditorium**

**Abstract of Presentation**

“After being overlooked for a few decades, Machine Learning (ML) has become the center of attention once again, finding its applications in areas such as Healthcare, Education, Security, Transportation, Social Media and e-Commerce, to name a few. In gaming, ML techniques have conquered complex games such as Chess, GO and Poker. ML methods, through adaptation and automation, bring about substantial savings in time and money. Factors contributing to the popularity of ML include major advancements in computing power and data storage capacity as well as the exponential growth of data in various fields. The lingering question is whether the advancements in ML can achieve Artificial General Intelligence and, if so, how soon it can be accomplished. An overview of ML, its past, present and future will be highlighted followed by some of the main techniques employed in this area. Examples of how ML techniques benefit different applications will be given. Hot topics of research and future trends of ML will be discussed. Finally, socio-economic factors that will accelerate/impede the adoption of ML techniques will be addressed. “

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