CSESC 2017

On **April 14th,** the **Society for Industrial and Applied Mathematics (SIAM) Student Chapter** will host the annual **Computational Science and Engineering Student Conference** at **Purdue University**. This conference will highlight the computational science and engineering research that is being done across all of the different departments on campus.

The conference is completely student organized and run. It is a great way to meet other students doing research on campus and see all of the different ways that computational science is used at Purdue

We will begin accepting abstracts for talks and posters from both undergraduate and graduate students working in any discipline that uses computational research to advance in their field starting on March 10th. Each of the applicants for talks and poster presentations need to submit a title and an abstract. We aim to include as many talks as possible. The invited participants will be contacted by email. Also, all participants who submit an abstract are cordially invited to a **free continental breakfast and lunch** during the conference.

Registration click here

To become a member of SIAM Chapter at Purdue University click here

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Invited Talk by Prof. Eugenio Culurciello *(Purdue University)*

Title: Artificial Intelligence - Past, Present, and Future

Abstract:
Deep Learning and neural networks are quickly becoming a dominant unified algorithm to extract information from unstructured data. Using standard gradient-descent learning algorithms and scalable models, they have been a revolution in image understanding, video summarization, captioning, scene understanding, speech recognition, text translation, and many more success stories coming on almost daily basis! We will discuss how we can progress the field into more general artificial intelligence so that these algorithms can continue to solve problems for us and take on more and more complex applications.

Hands-On Training Session "Introduction to Big Data with R" by Prof. Mark Daniel Ward *(Purdue University)*

"High-Performance Computing (HPC) Resources at Purdue" by RCAC Experts

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Career Counselling Talk by Amruta Inamdar, Ph.D. (CCO, Purdue University)

Title: "Make LinkedIn work for you! Use LinkedIn to maximize your chances of career success."

Opportunity to Interact with Researchers in "Data Science" at Purdue University

Panel Members: Ashwini Maurya, Jeanine Gnang, Barret Schloerke, Yixuan Qiu

Moderator: Will Eagan

Topics Covered: Socratic questions about data science, statistics, machine learning, and opportunities at Purdue.

Student benefits: Students will be able to ask the panelists questions, and have an opportunity to reflect on how to best utilize their time at Purdue to flourish as data scientists.

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Subpages (2): Information for Authors Schedule