Department of Engineering Science

Announces 3rd lecture of the
Engineering Science Lecture Series
Academic Year 2018-2019

This is a series designed to benefit the Sonoma State students and faculty in the School of Science and Technology, high tech and biotech industries and related businesses and community in the North Bay Region.

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The Lecture Series covers a broad range of topics with focus on recent developments and trends and provides a platform for the exchange of ideas among the audience.

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Attendance is open to the students, faculty and staff of SSU and other academic institutions, engineers and scientists from industries, members of the business community and members of the community, in general. A parking permit is required to park on campus, and is available for $5.00 at machines in the parking lots. Talks are otherwise free.

Days & Dates: 1st & 3rd Thursday of each month
Venue: Cerent Engineering Science Complex, Salazar Hall Room #2009A
Reception: 4:00 to 4:30 p.m.
Lecture: 4:30 to 5:15 p.m.
Q&A: 5:15 to 5:30 p.m.

Acknowledgement

The ES Lecture Series is supported by the local industry including Keysight Technologies.

“Machine Learning”
by
Dr. Shahrad Jamshidi, Data Scientist, Remi Pty, Australia

Thursday, October 3, 2019

Abstract - Machine learning methods have allowed us to create many powerful and practical models from data to develop many new and life changing technologies. Understanding the underlying algorithms behind the methods provides insight into how the data is being used to learn patterns and achieve the specific goal. This talk will give a quick run through of some common methods used in data science and the assumptions that are behind each of them.

Dr. Shahrad Jamshidi is a data scientist and co-founder at the Australian startup, Remi AI. He works remotely in Santa Rosa, where he implements different machine learning algorithms on a wide range of consulting projects. He received his doctorate in Applied Mathematics at the Freie Universitaet Berlin, Germany and his Bachelor of Science at the University of Sydney, Australia. His collaborations with biologists and ecologists during his graduate research pushed him in the direction of data analysis and machine learning.

Upcoming Lectures

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<td>Dr. Nansong Wu, ES Department, Sonoma State University, Rohnert Park, CA</td>
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<td>Applications of Chaotic Maps in Communication and Signal Processing</td>
<td>Mr. Anish Nair, Senior Engineer, Qualcomm, San Jose, CA</td>
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