Computer Science Seminar

How to write and present a research proposal
Dr. Bruce McMillin
Missouri S&T

The inverse problems generally refer to the "process of calculating from a set of observations the In your career you will be asked to present your ideas, clearly, concisely, and with the goal of obtaining some sort of resources. To distinguish yourself from the crowd, you must be able to be effective within the short window of time given to you. This presentation will go over some major tenets of proposal writing and presentation, including the Heilmeyer catechism, the elevator pitch, and the ideas of broader impacts of your proposed work. We will have a group exercise, some come prepared with an idea to pitch.

This is open to faculty, students, and staff.

Bio: Dr. Bruce McMillin is currently the associate dean for research and outreach in the Colleg e of Engineering and Computing and a professor of Computer Science at the Missouri University of Science and Technology (S&T). He established and leads the campus Center for Information Assurance and is a senior research investigator in the campus Intelligent Systems Center at S&T His research is on formal methods for fault tolerance and security in distributed embedded systems with an eye towards critical infrastructure protection, most recently focusing on security and dependability of the advanced electric power grid control (smart grid). His research has been supported by the United States NSF, AFOSR, DOE, and several Missouri Industries. Dr. McMillin has authored over 100 refereed papers in international conferences and journals. He is leading the distributed grid intelligence project of the NSF Future Renewables Engineering Research Center, an advanced smart grid architecture. He is a senior member of the IEEE and member and contributor to the SGIP Smart Grid Interoperability Panel and the NIST Public Working Group in Cyber Security for Cyber-Physical Systems. He currently serves on the IEEE Computer Society's Board of Governors and as an associate editor for the IEEE Transactions on Dependable and Secure Computing.

Date: January 29, 2018
Time: 10:00 am - 10:50 am
209 Computer Science Building

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