



BIG DATA

Interdisciplinary Data Sciences Consortium



* **IDSC Seminar Series** *

September 30, 2016 1:30pm-2:30pm

Location: ENB 109

Presents

Dr. Sriram Chellappan,

Computer Science and Engineering
College of Engineering
University of South Florida

Title: Recent Developments on Big-Data Enabled Personalized Healthcare

Abstract: This talk will emphasize the need for personalized healthcare moving on from community based approaches. The talk will motivate Big Data as foundation for personalized healthcare. Recent developments in leveraging orthogonal sources of data sets like Internet usage, Wearable Sensors, Infrastructure sensors etc. for healthcare will be discussed. A road map for the future to conquer more frontiers in superior healthcare by leveraging Big data will be presented as well.



Biography: Sriram Chellappan is an Associate Professor in The Department of Computer Science and Engineering at University of South Florida, where he directs the **SCoRe** (Social Computing Research) Lab. His primary interests lie in many aspects of how Society and Technology interact with each other, particularly within the realms of Smart Health and Cyber Security. He is also interested in Mobile and Wireless Networking, Cyber-Physical Systems, Distributed and Cloud Computing. Sriram's research is supported by grants from National Science Foundation, Department of Education, Army Research Office, National Security Agency, DARPA and Missouri Research Board. Prior to this appointment, he was an Associate Professor in the Computer Science Dept. at Missouri University of Science and Technology. Sriram received the PhD degree in Computer Science and Engineering from The Ohio-State University in 2007. Sriram received the **NSF CAREER Award** in 2013. He also received the Missouri S&T **Faculty Excellence Award** in 2014, the Missouri S&T **Outstanding Teaching Commendation Award** in 2014, and the Missouri S&T **Faculty Research Award** in 2015.

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