VIRGINIA TECH DEPARTMENT OF STATISTICS COLLOQUIUM

THE EVOLUTION OF TECHNOLOGY TOWARDS DATA. 30 YEARS OF LEARNINGS IN DATA & ANALYTICS.

OLIVER SCHABENBERGER
FEBRUARY 9 | 3.30 PM (ET)
IN-PERSON SEMINAR

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Abstract

Technology, the inventions of the human mind, is the force through which we transform the world and amplify and externalize our capabilities. The arc of technology evolution leads from industrialization to computerization to data-driven systems. In this talk, we see this evolution through the lens of sustained trends such as connectivity, automation, and intelligence and correlate these trends with developments in data and analytics I observed over 30 years.

Bio

Oliver Schabenberger is an experienced executive and thought leader in data & analytics. After a career in academia, he joined SAS in 2002 as a software developer focused on developing statistical software to model data with complex error structures. Over nearly two decades at SAS he rose from software engineer to dual C-level roles as Chief Technology Officer and Chief Operating Officer, responsible for all revenue-related functions of the company.

After leaving SAS, Oliver served as Chief Innovation Officer at Silicon Valley scale-up company SingleStore, advancing storage, interface, and extensibility of modern cloud databases.

During his academic career, Schabenberger served as Assistant Professor of Statistics at Michigan State University (1996—1999) and Virginia Tech (1999—2002). He was awarded tenure and promoted to Associate Professor of Statistics at Virginia Tech in 2001. Oliver holds a M.S. in Statistics and a PhD in Forestry from Virginia Tech and degrees in Forest Management and Forest Science from Germany.

In addition to cowriting three statistical textbooks and holding numerous U.S. and international patents on software design and algorithms, Oliver has been recognized as a Fellow of the American Statistical Association.