

SYSTEMS THINKING WORKSHOP

18 NOVEMBER 2019 | FHI 360 - 1825 CONNECTICUT AVE NW 8TH FL. WASHINGTON, DC

9:30 – 10:00 AM	REGISTRATION
10:00 – 10:15 AM	Opening Remarks <i>Dr. Jon Wade, SERC Chief Technology Officer</i>
10:15 - 10:35 AM	Why Systemigrams: Where do they fit in the Sea of System Diagrams
10:35 - 10:55 AM	30-year Retro/Per-spective: Methodology, Media, Message
10:55 – 11:15 AM	Show Me the _____: IED, Financial Crash, Improvised Explosive Decision-making
11:15 - 11:25 AM	BREAK
11:25 – 12:00 PM	SystemiTool 2.0: It's not about the platform anymore

SystemiTool is a systems thinking method and tool for mapping complex systems using "Systemigrams." This workshop will introduce the newly updated SystemiTool, as well as a look back over the past 30 years at systems thinking and Systemigrams.

WORKSHOP LEADS:



Dr. Brian Sauser Professor | University of North Texas

Before joining UNT, Dr. Sauser held positions as an Assistant Professor with the School of Systems and Enterprises at Stevens Institute of Technology; Project Specialist with ASRC Aerospace at NASA Kennedy Space Center; Program Administrator with the New Jersey – NASA Specialized Center of Research and Training at Rutgers, The State University of New Jersey; and Laboratory Director with G.B. Tech Engineering at NASA Johnson Space Center. His research interest is in the management of complex systems. His research has resulted in changing the manner in which systems are evaluated and risk is assessed on complex defense systems. In addition, he is a NASA Faculty Fellow, IEEE Senior Member, and an Associate Editor of the IEEE Systems Journal. Dr. Sauser holds a B.S. from Texas A&M University, a M.S. from Rutgers, The State University of New Jersey, and a Ph.D. from Stevens Institute of Technology.



Dr. John Boardman

Dr. John Boardman is a distinguished service Professor of Engineering Management at Stevens. Before coming to Stevens he was Professor of Systems Engineering (since 1995) at the De Montfort University, UK. Before that he was first GEC Marconi Professor of Systems Engineering and Director of the School of Systems Engineering, and then Dean of the College of Technology, at the University of Portsmouth.



**SYSTEMS
ENGINEERING**
RESEARCH CENTER

A University-Affiliated Research Center (UARC) of the US Department of Defense, leverages the research and expertise of faculty, staff, and student researchers from more than 20 collaborating universities throughout the United States. SERC is unprecedented in the depth and breadth of its reach, leadership, and citizenship in Systems Engineering.