Abstract—The MESO(C)A series of events began with a working session at ICSM 2007 in Paris. The original focus was the maintenance and evolution of SOA-based systems. Five years later, at ICSM 2011 in Williamsburg, VA, the scope was expanded to include cloud-based environments. This talk summarizes the key research themes that have emerged over the last 10 years. The talk also outlines some of the challenges facing the community in the coming years. Many of the core activities related to system maintenance and evolution are timeless and will undoubtedly continue to be important topics in the future. However, the rapid adoption of new computing ecosystems such as mobile apps and new technical advances in areas such as big data will qualitatively and quantitatively affect both the problem space and the solution space of MESOCA as it enters its second decade.

ABOUT THE SPEAKER
Scott Tilley is a professor of systems engineering at the Florida Institute of Technology, director of the Center for Technology & Society, and president of the Big Data Florida user group. He is an ACM Distinguished Lecturer. His recent books include “Software Testing in the Cloud: Migration & Execution” (Springer, 2012), “Systems Analysis & Design” (Cengage, 2016), and the forthcoming “Academic Leadership”. He writes the weekly “Technology Today” column for Florida Today (Gannett). He holds a Ph.D. in computer science from the University of Victoria.