



**Dr. Sokwoo Rhee**

**Bio-Sketch**

Sokwoo Rhee is Associate Director for Cyber-Physical Systems (CPS) Innovation at the National Institute of Standards and Technology (NIST), U.S. Department of Commerce. He is leading smart city and Internet of Things (IoT) innovation programs at NIST, including the Global City Teams Challenge (GCTC) and the Smart Cities and Communities Framework (SCCF) program. He previously served as a Presidential Innovation Fellow on CPS, a program by the White House. His work and achievements have been recognized through multiple awards including MIT Technology Review's Top Innovators under 35. He received his M.S. and Ph.D. in Mechanical Engineering from MIT.

**Keynote Title**

Smart Cities and Internet of Things

**Abstract**

Internet of Things are unleashing an extraordinary cycle of innovation through smart systems in our everyday life. A lot of cities and communities are striving to deploy advanced solutions that can increase productivity, sustainability, and improve the quality of life for residents. This presentation will provide an overview of the structure of smart cities, global trends, and technical issues and challenges. It will also discuss how NIST is working with private sector stakeholders and other U.S. federal agencies to enable cities and communities worldwide to share ideas, develop comprehensive requirements and solutions to their common issues, and leverage their respective investments.