

SPRING 2021

Friday, March 19, 12:00**Dimitrios Serpanos*****Smart and Circular Cities:
Status, Trends and Opportunities***

The worldwide population growth coupled with its attraction to cities leads to the development and growth of mega-cities around the world. Their sustainability in the context of the international economic growth and the changing physical environment and climate requires new approaches to operation, policy and governance, which account for new economic models, management methods and technologies. The need of smart and circular cities leads to the development of new technologies, their integration and management coupled with effective policies and governance to achieve goals of effectiveness, efficiency and sustainability.

In this talk, we introduce the concepts of smart and circular cities as well as current efforts and projects internationally. We present current goals and priorities as well as their directions, and we identify trends, challenges and opportunities. We address issues of policy and governance in addition to technology that enables smart infrastructures and services.

Watch live: https://youtu.be/olRxa_ttEKI



DIMITRIOS SERPANOS is Professor of Electrical and Computer Engineering at the University of Patras. He is Director of the Industrial Systems Institute of ATHENA Research Center, serving his second term and Adjunct Professor of Electrical and Computer Engineering at North Carolina State University. He holds a PhD in Computer Science from Princeton University (1990) and an Engineering Diploma in computer Engineering and informatics from the University of Patras (1985). His research interests include embedded and cyberphysical systems, cybersecurity, computing system architecture and distributed systems. Dimitrios Serpanos has served as President of the University of Western Greece and Vice-chairman of the Board of Directors of ATHENA Research Center. He has also served as member of the Board of Governors, Secretary and Treasurer of the IEEE Computer Society.