Abstract

We have come a long way from the service oriented architecture model, and we are now witnessing the proliferation of service eco-systems and socio-technical systems being considered within the context cloud provisioned environments. The management and compliance issues that were applicable in the past are now of limited use and need be adapted due to the complexity of the interdependencies of the constituent framework components, services, processes, and stakeholders. This keynote will first set the stage for defining and understanding the problem of evaluating compliance and managing such systems, identify technical challenges, and discuss research issues and future opportunities.

Biography

Kostas Kontogiannis is an Associate Professor in the Department of Electrical & Computer Engineering at the National Technical University of Athens (NTUA) where he is leading the NTUA Software Engineering group. Kostas is working in the areas of software evolution, service computing, and model driven engineering and has been the recipient of three patents with IBM, three best paper awards, two most influential decade paper awards (WCRE, CASCON), and a Canada Foundation for Innovation (CFI) New Opportunities Award. He is a Faculty Fellow at the IBM Center for Advanced Studies Toronto Laboratory, and has served as a Steering Committee member, General Chair, Program Chair and Program Committee member in a number of IEEE Software Engineering related conferences (ICSM, CSMR, WCRE, ICPC, WSE and, STEP). Contact him at kkontog@softlab.ntua.gr.