Cloud Computing in Intelligent Robotics

Imre J. Rudas
Óbuda University
Bécsi út 96/B, H-1034 Budapest, Hungary

PLENARY TALK

Abstract— The presentation summarizes the basics of cloud computing, namely the main idea, the definition, the cloud model composed of essential characteristics, service models and deployment models. In the second part of the presentation the possible applications of cloud computing in robotics are outlined with special emphasis on robots as a service in cloud computing. Finally some cloud robotics projects, including the European project RoboEarth are discussed.