Contribution ID: **42** Type: **Paper presentation**

Task Scheduling Policies in a Cloud Computing Environment

Friday 22 September 2023 12:00 (20 minutes)

Virtualization solutions used within Cloud computing have proven over time to address the problem of inefficient use of physical computing resources. Virtualization can provide high-level availability to critical applications with, thus streamlining the operation of IT infrastructure and responding quickly to changes. The paper proposes a mathematical model based on Queuing Theory aimed at ensuring a certain level of Quality of Service (QoS).
Keywords—cloud computing, queuing theory, task scheduling

Authors: MANCAS, Catalina (Universitatea din Craiova); DUMITRASCU, Eugen (University of Craiova); GANEA, Eugen (University of Craiova)

Presenter: MANCAS, Catalina (Universitatea din Craiova)

Session Classification: Session D

Track Classification: Cloud Computing and Network Virtualisation