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2nd May 2023 – Workshop Serverless Cloud Development

Place : UPV

Classroom: OS01 de DSIC (edificio 1F)

Time: 17.00 to 19.00

Who will do the workshop?

Michael Willemse, Co-Founder & Cloud Native Architect at Cloudway (Xplore Group)

He has been utilizing cloud environments as deployment targets throughout his entire career. For the past 10 years, he was specialized in developing and architecting solutions, with a specific focus on serverless technologies. In 2017, He founded a cloud-native development business unit within the Cronos Group company that concentrates on custom development and Internet of Things (IoT) solutions in the cloud.

What will be learnt in this workshop?

In this workshop, we will delve into the world of Serverless Cloud Computing on Amazon Web Services (AWS). Our focus will be on crafting solutions that leverage high-level cloud services, encompassing data storage, computation (via AWS Lambda), streaming, messaging, and ancillary services. Furthermore, we will explore key concepts such as reliability, scalability, security, and cost optimization within the serverless context.

Towards the end, we will briefly touch upon an alternative cloud deployment strategy— container deployment and orchestration. We will discuss its unique characteristics, how it stands apart from serverless computing, and under which circumstances the serverless and container based strategies can be considered.