



Contribution ID: 32

Type: **not specified**

## Kubernetes 101: First Steps into Container Orchestration

*Monday, 28 October 2024 11:30 (1 hour)*

Currently being the industry-leading on its segment, Kubernetes (K8s) is a container orchestration platform which offers to the organizations enhanced reliability, availability, and resilience for their services compared to monolithic architectures.

This highly practical workshop is designed for new or beginner users. Participants will be introduced to K8s and gain the essential knowledge to deploy an application on a K8s cluster through a hands-on, guided tutorial.

No prior knowledge is required, and there is no need for any technical setup on your laptop. You just need to be able to SSH to a remote host, and you're ready to go!

**Primary author:** VIANA, Miguel (LIP Minho)

**Co-authors:** MACHADO, João (INCD); BERNARDO, Samuel (LIP)

**Presenter:** VIANA, Miguel (LIP Minho)

**Session Classification:** Tutorials and demonstrations

**Track Classification:** Developments oriented to foster the Compute Continuum