

## Helix Nebula Science Cloud

*Tuesday 29 August 2017 11:20 (30 minutes)*

The work of Helix Nebula [1] has shown that it is feasible to interoperate in-house IT resources of research organisations, publicly funded e-infrastructures, such as EGI [2] and GEANT [3], with commercial cloud services. Such hybrid clouds are in the interest of the users and funding agencies because they provide greater “freedom and choice” over the type of computing resources to be consumed and the manner in which they can be obtained.

Propelled by the growing IT needs of the Large Hadron Collider, CERN is leading a H2020 Pre-Commercial Procurement activity that brings together a group of 10 of Europe’s leading research organisations to procure innovative IaaS level cloud services for a range of scientific disciplines.[4] HNSciCloud is divided into 3 phases: Design, Prototype and Pilot. The successful designs were selected by the end of 2016. In 2017, the project entered the Prototype phase.

This talk will cover the current status of the prototypes and the next steps going into the Pilot phase.

[1] <http://www.helix-nebula.eu/> [2] <http://www.egi.eu/> [3] <http://www.geant.net/> [4] <http://www.hnscicloud.eu/>

**Presenter:** FERNANDES, João