

## EOS 2023 Workshop



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# EOS for Administrators

*Monday 24 April 2023 14:00 (2 hours)*

In this seminar we will go through the architecture of EOS, showcase some EOS instance configuration and follow with an introduction to CTA!

We will explain some generic concepts, deployment models, hardware requirements, redundancy models, storage layout, scheduling & file placement - CPU, Storage and Network requirements and few tricks to optimize these. We highlight in detail the XRootD framework and how EOS is implemented using it. We will go through all components and sub services of the namespace service MGM, what their role is and point you to the relevant documentation.

The second part will showcase some EOS instances and some of their configuration at CERN.

In the third part of the presentation we will introduce the CERN Tape Archive CTA.

We hope there is enough time available to keep the seminar interactive and allow for questions during the presentation.

**Presenters:** PETERS, Andreas Joachim (CERN); SINDRILARU, Elvin Alin (CERN); DAVIS, Michael (CERN)

**Session Classification:** EOS Seminars