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Computing for the KM3NeT research infrastructure

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KM3NeT is a research infrastructure currently under construction in the Mediterranean Sea.

It consists of two neutrino detectors: ARCA for studying astrophysical sources and ORCA for studying neutrino properties.

Currently 15% of the infrastructure is operational.

The output of the entire infrastructure will eventually amount to a data rate of 100 Gbps, and a data volume of 500 TB per year.

In view of the final infrastructure configuration, the KM3NeT collaboration is transitioning to the use of standards and services in the e-Infrastructure commons.

This contribution focuses on the data processing and data management that KM3NeT envisions in this context.

Desired slot length

15min

Speaker release

No

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Session Classification: Computing and batch services

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