

## Computing challenges in nuclear and particle physics (Block 7)

*Tuesday, 3 August 2021 12:00 (1h 15m)*

**Abstract:** Big physics experiments, like the Electron Ion Collider, DUNE and the Large Hadron Collider experiments at CERN, present many technical challenges, one of which is computing. This talk will use the ATLAS experiment at the LHC as an example to explain why computing is so important in our physics experiments, and how we use computing resources around the world to get from the raw detector data to physics results. We will also see that, while things may look challenging now, they will become even more challenging in the future!

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