

6th Summer School on INtelligent signal processing for FrontIEr Research and Industry



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HIGH PERFORMANCE COMPUTING: THE CERN, SKA0, GEANT and PRACE COLLABORATION

Friday, 3 September 2021 11:20 (40 minutes)

Dr. Maria GIRONA is the Chief Technology Officer (CTO) of the CERN openlab. She leads the development of High Performance Computing (HPC) technologies for particle physics experiments.

CERN openlab was established in 2001 and supports academics at CERN in their collaborations with independent companies.

Dr. Girona has worked on the upgrade of the Large Hadron Collider (the High Luminosity Large Hadron Collider), which will require up to one hundred times more computing capacity than it did originally. This increase in capacity will come through access to commercial cloud computing platforms, data analytics, deep learning and new computing architectures.

(Credit WIKIPEDIA)

Presenter: Dr GIRONA, Maria (CERN)

Session Classification: MORNING SESSION 9, PLENARY LECTURES