

Invited: HENP-I-02

## **Lattice QCD simulations using the OpenACC platform**

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In this talk we will look at the openACC platform for programming Graphics Processing Units (GPUs). The openACC platform offers a directive based programming model for GPUs which avoids the detailed data flow control and memory management necessary in CUDA. Programs can be written in high level languages with openMP like directives. In this talk we will look at some examples of QCD simulation codes using openACC and discuss their performance on GPUs.