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CNN crop classifications on multi-GPU architectures

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Crop classification is a key aspect in the fight against climate change, since it helps farmers and agricultural organizations to monitor crop growth and health, predict yields, and manage resources more efficiently. In this talk we'll explore how Neural Networks and remote sensing data can be used to classify crops and why their popularity is seeing an unprecedent growth. We will also present results from High-Performance Computing (HPC) architectures equipped with different GPU accelerators, while highlighting the advantages of such systems in this kind of applications.

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