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## Provisioning and Usage of GPUs at GridKa

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For years, GPUs have become increasingly interesting for particle physics. Therefore, GridKa provides some GPU machines to the Grid and the particle physics institute at KIT.

Since GPU usage and provisioning differ from CPUs, some development on the provider and user side is necessary.

The provided GPUs allow the HEP community to use GPUs in the Grid environment and develop solutions for efficiently using powerful and expensive devices.

We present our experiences with the GPU machine from the site perspective, including job scheduling, studied technologies, and their usage by the Grid and the local particle physics institute.

### Desired slot length

15

### Speaker release

Yes

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