

# Report and plans on GPU accelerated HPC-s in Hungary

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KIFÜ operates the largest supercomputers in Hungary, serving the HPC needs of all kind of Hungarian research projects since 2001. Currently 8 running supercomputers with 8888 CPU cores and more than 250 GPUs provide nearly 450 Tflop/s total computing performance for the benefit of the users of universities and academic research institutes. In line with the international trends, more and more portion of our computing capacity is provided by GPGPUs. The presentation briefly introduces the HPC infrastructure and services of KIFÜ and gives information about how users can get access to the supercomputers focusing experiences with GPU usage. This talk will introduce current HPC, cloud and storage offerings, report on usage, and results of survey related to AI specific workloads. Another part will discuss the plans of deploying a 15PF HPC in Hungary.