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GPUs for Exascale: Introduction to the JUPITER System and its GPUs

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With JUPITER, Europe's first exascale system is right on the doorstep. The system features two modules, a CPU-centric JUPITER Cluster and a highly-scalable JUPITER Booster, using nearly 24 000 GPUs for 1 EFLOP/s of sustained HPL performance. The talk will introduce the JUPITER system design, the current status, and key defining features of the GPU technology selected to enable this computational milestone in Europe.

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