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PEKING UNIVERSITY

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Peking University's High Performance Computing (HPC) resources help scientists make new discoveries in materials, physics, chemistry, weather and climate, and many other disciplines. To maintain its reputation as a leading research institution in China, Peking University needed greater computing capability in its HPC facilities to support ongoing research in chemistry, image processing, artificial intelligence, cryo-electro microscopy and other sciences. Its latest additions to the HPC facility include two clusters for teaching and student research based on Intel® Xeon® Scalable processors. The new clusters deliver a total of over one-half petaFLOPS of peak performance (587.8 teraFLOPS) for the high-performance scientific and engineering computing services needed across the entire university.

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“The new clusters provide the high performance scientific and engineering computing services needed across the entire university. These systems meet the needs of large-scale data processing and scientific computing required by research in cryo-EM, deep learning, biomedical, physics, and other sciences.”

**Chun Fan, Chief Engineer,
HPC platform, Peking
University**