

# CINECA

Helping to solve our biggest challenges

## Solution components

### Hardware

Marconi system: 1,500 Lenovo ThinkSystem SD530 nodes with Intel® Xeon® E5, Intel Xeon Phi™ and Intel Xeon Scalable System Family Platinum processors

Intel Omni-Path Architecture

Additional systems: Lenovo NeXtScale System nx360 M5 with Intel Xeon E5 processor family

### Services

Lenovo Professional Services

*“Our HPC services underpin vital scientific, technological, industrial and medical research, helping researchers get closer to uncovering the scientific breakthroughs and innovations that will shape the world in the 21st century and beyond.”*

*—Sanzio Bassini, HPC Director, CINECA*

With a new HPC environment based on Lenovo ThinkSystem SD530 servers with powerful Intel® Xeon® processors and Xeon Phi™ accelerators, CINECA offers researchers easy access to state-of-the-art scientific computing resources to support ground-breaking research into emerging technologies, nuclear physics and more.



[Case Study](#)

Lenovo™