



京都大学  
KYOTO UNIVERSITY



**4.7X** increase  
in average speed for the  
Camphor 3 system  
compared to the previous  
generation.<sup>1</sup>

**3.7X** increase  
in average speed for the  
Laurel 3 system compared  
to the previous generation.<sup>2</sup>

“We required a user-friendly CPU for applications in the Kyoto University system, meaning high B/F value, x86 CPU with DDR5, and large memory x86 system. And based on our research, there were no CPUs apart from Intel® Xeon® CPU Max series that meet our requirements.”

**Keiichiro Fukazawa**  
Associate Professor,  
Computing Research  
Department, ACCMS,  
Kyoto University

# Kyoto University Enhances HPC Performance to Advance Research and Development

Kyoto University hosts its Academic Center for Computing and Media (ACCMS). The ACCMS supports academic studies in computing and media and hosts several HPC systems for computational research. Many of the intricate simulation codes, face constraints associated with memory bandwidth within the existing HPC resources. To maximize the performance of their codes, they were looking to seek ways to optimize them to work within these constraints. It is this continuous quest for optimization that led them to collaborate with Intel to update their supercomputing systems. Built with the latest Intel® Xeon® CPU Max series, these new systems are designed to meet user requirements for exceptional high-performance memory bandwidth, expansive memory capacity, and optimal parallel performance within a well-balanced HPC infrastructure.

## Products and Solutions

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[4th Gen Intel® Xeon® Scalable Processors](#)

## Industry

Higher  
Education

## Organization Size

10,001+

## Country

Japan

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