



# HLRN Brings Advanced Performance to HPC

HLRN operates one of the most powerful computers in Germany and the world, serving over 100 universities and over 120 research institutions. HLRN needs to account for the steadily increasing demand for capacities in HPC and data analytics for a myriad of scientific disciplines. HLRN selected new Intel® Xeon® Platinum 9200 processors for advanced performance in its next-generation supercomputer to enable significant computation gains and improved efficiency. HLRN-IV will be approximately six times as fast as the prior systems offering 16 PetaFLOPs of performance<sup>1</sup>.

“We are not looking for peak theoretical performance, but for real system performance, and the Intel® Xeon® Scalable processor advanced performance is giving us this kind of performance. In addition, the CPU is quite good for artificial intelligence and machine learning.”

**Prof. Ramin Yahyapour,**  
**Professor of Computer Science at University Göttingen, Managing Director of GWDG**

## Products and Solutions

[Intel® Xeon® Platinum 9000 processors](#)

[Intel® Omni-Path Architecture](#)

## Industry

Public Sector

## Organization Size

10,001+

## Country

Germany

## Partners

[Atos](#)

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