

Success Story Templates

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Industrial HPC Course



EURO

SUCCESS STORY IN simulation software engineering

eCon Engineering Kft.

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eCon Engineering is a cooperative engineering partner engaged in software distribution and consultation services, CAE services and special purpose machine design.

THE PROBLEM

Assessment of KIFÜ HPC („Miskolc”) performance for CFD simulations using ANSYS Fluent software.

SUCCESS STORY DETAILS

HPC provider: KIFÜ
Domain Expert: Ákos Horváth
Country: Hungary
<https://econengineering.com/>

THE HPC PROBLEM DOMAIN

Benchmarks are important to ensure that a software and hardware are performing accordingly. As it has not been done earlier for KIFÜ HPC Cluster („Miskolc”) for ANSYS Fluent software, eCon has been asked to perform the test in the frame of a pilot project.

THE SOLUTION

The selected Fluent benchmark files are a set of public cases from different levels of complexity, varying the mesh size, modelling and solver type. By using them, we will be able to compare the results against other hardware/software configurations and, if needed, modify something in order to improve the performance.

THE BENEFITS

Assessed and rated KIFÜ HPC („Miskolc”) for ANSYS Fluent software.