

PRESS RELEASE

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The High-Performance Center Simulation and Software-Based Innovation in Kaiserslautern Takes Top Position in the Fraunhofer Internal Ranking

First Place for the Third Time in a Row!

With 28 out of a total of 30 points, the High-Performance Center Simulation and Software-based Innovation once again took first place in this year's ranking of the Fraunhofer-Gesellschaft's 21 High-Performance Centers. It shows that the close cooperation between university and non-university research leads to outstanding results in Kaiserslautern.

Every year, an internal commission of the Fraunhofer-Gesellschaft evaluates the quality and ambition of the strategic and operational plans, the results and measures actually achieved, as well as a self-selected transfer highlight that illustrates the impact of the High-Performance Center as an outstanding example. These respective evaluation aspects are assessed with 0 to 10 points. In total, a maximum of 30 points is possible.

Over the past three years, the High-Performance Center in Kaiserslautern has achieved an overall score of 85 out of a total of 90 points, putting it in first place, followed by the Photonics High-Performance Center in Jena and the Electronics Systems High-Performance Center in Erlangen.

Convincing Cooperation With Wendeware AG

Once again, the reviewers were enthusiastic about the »excellent transfer highlight«. The long-term cooperation with the spin-off of the Fraunhofer Institute for Industrial Mathematics ITWM – Wendeware AG – is reflected in the combination of high licensing revenues and research contracts for further development and underlines the attractiveness of the High Performance Center.

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HIGH PERFORMANCE CENTER SIMULATIONS UND SOFTWARE BASED INNOVATION

Since 2009, researchers at the Fraunhofer ITWM have been developing solutions that make the energy transition simple and more efficient with sensible control. This resulted in the »Amperix« energy management system with the »myPowerGrid« web platform. Wendeware AG is making this software ready for the market and marketing the products. The spin-off is working with the scientists to further develop the technologies.

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Another Three Years of Additional Funding

The commission also praised the performance center for its highly professional governance and management structure as well as its extraordinary efforts to recruit junior staff and train internal and external employees. »We are delighted with the outstanding assessment of our performance center and our work. It proves that Kaiserslautern is a location for the future and that we can achieve a lot with our collaborations,« says Dr. Konrad Steiner, Managing Director of the High-Performance Center Simulation and Software-based Innovation, and looks to the future with optimism: »Thanks to this result, we have secured additional funding from the Fraunhofer-Gesellschaft for the next three years!«.

Background: Performance Centers at Fraunhofer and Evaluation Procedures

High-performance centers are cooperation projects initiated by Fraunhofer to deepen regionally specific research priorities with the aim of increasing the impact of R&D projects in industry and society. To this end, universities, colleges, Fraunhofer Institutes and other non-university research institutions work together with companies and social stakeholders on specific topics at one location. They bring together suitable partners and support ideas all the way to the market.

In recent years, the performance centers have established themselves as spearheads for transfer and forges of good practice. A so-called »omnibus model« enables a competitive system with annual performance evaluation and a consistent focus on results. The first round of the competition started at the beginning of 2022 with a three-year term up to and including 2024. Based on the cumulative results of the annual performance evaluations (2022, 2023, 2024) and under the basic principle of »the best remain«, five performance centers will now be eliminated at the end of the term and four new consortia will take their place in the second round of the competition from 2025.

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Further Online Information

www.leistungszentrum-simulation-software.de/ranking-top-position

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About the Fraunhofer-High-Performance-Center »Simulation and Software Based Innovation«

Since 2016, the **Fraunhofer-High-Performance-Center »Simulation and Software Based Innovation«** has been promoting sustainable location development in Kaiserslautern through intensive collaboration between companies, universities and research institutions. It aims to ensure innovation and exploitation by utilising all types of transfer: Research and teaching, promotion of young talents, cross-cutting infrastructures and cooperation with SMEs and large companies.

About the Fraunhofer-Gesellschaft

The **Fraunhofer-Gesellschaft**, based in Germany, is the world's leading organization for application-oriented research. With its focus on future-relevant key technologies and on the exploitation of the results in business and industry, it plays a central role in the innovation process. As a guide and stimulus for innovative developments and scientific excellence, it helps shape our society and our future. Founded in 1949, the organization currently operates 76 institutes and research facilities in Germany. Around 30,800 employees, most of them trained in the natural sciences or engineering, generate an annual research volume of around.

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