

Pressemitteilung

Rheinland-Pfälzische Technische Universität Kaiserslautern-Landau

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Forschungs- / Wissenstransfer
Gesellschaft, Informationstechnik, Wirtschaft
überregional



Hannover Messe 2025: “Offene Digitalisierungsallianz Pfalz” brings science into business and society

Insights gained from research should not be left in a drawer. That is why “Offene Digitalisierungsallianz Pfalz” strengthens regional exchange of knowledge, ideas, and technologies with business and society within the framework of the federal-state initiative “Innovative Hochschule”. The collaboration involves the RPTU University Kaiserslautern-Landau, the University of Applied Sciences Kaiserslautern, the Fraunhofer Institute for Industrial Mathematics (ITWM), and the Leibniz Institute for Composite Materials Kaiserslautern (IVW). At Hannover Messe, interested parties can learn about the support offerings at the Rheinland-Pfalz research stand (Hall 2, Stand C33) from March 31 to April 4.

Offene Digitalisierungsallianz Pfalz is further developing the regional innovation system, particularly with regard to digitalization. The future topics that the project partners are advancing include work, collaborative digital engineering, health, citizen science, and creativity.

Fostering Exchange in Both Directions

Offene Digitalisierungsallianz Pfalz sees itself as an interface between science, business, and society. “We create platforms to bring knowledge, ideas, and technologies from research into business and society. In return, we take current needs from business and society into account, thereby expanding our transfer offerings,” explains Transfer Manager Chantal Momber, describing the goals of the collaboration.

Involving Citizens in Research

The transfer offerings especially include events with a focus on participatory formats. A recent example is the Citizen Science project “BewegungsForscher”, in which citizens, together with researchers from RPTU and IVW, develop innovative orthoses – medical aids for everyday life. The goal has already been defined together: it is about a foot drop orthosis that provides support when lifting the foot and stabilizes walking.

The project uses intelligent composite materials that combine at least two materials together – so firmly that they cannot even be separated by hand. This opens up entirely new possibilities in the production of orthoses that are not only functional but also meet the highest standards of quality and comfort. In this case, the focus is on the orthosis' variable stiffness. In addition, participants will learn methods of “Design Thinking” to work together on innovative and creative solutions.

Question can be directed at:

Chantal Momber

Referat Transfer, Innovation und Nachhaltigkeit, RPTU University Kaiserslautern Landau

Transfer Manager at Offene Digitalisierungsallianz Pfalz

E: chantal.momber(at)rptu.de

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Klaus Dosch, Department of Technology and Innovation, is organizing the presentation of the researchers of the RPTU Kaiserslautern at the fair. He is the contact partner for companies and, among other things, establishes contacts to science. Contact: Klaus Dosch, E-mail: Dosch(at)rptu.de, Phone: +49 631 205-3001

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