



Learning in Virtual Worlds

Frank Hirschvogel Foundation Releases VR Learning Software “Oscilloscope”

(Denklingen, June 2024) – In the “VR Oscilloscope Training” program, students immerse themselves in the world of electrical engineering through virtual reality. In this educational game, they learn the basic functions of an oscilloscope – a technical instrument used to analyze electrical signals, similar to a medical ECG. The storyline featuring the stranded time traveler “Aadam,” whom students can help using their newly acquired skills, adds an exciting narrative element that captivates even those without prior technical experience. The use of virtual reality creates new learning incentives and motivates students to engage with complex topics. “The program also makes lessons more varied and engaging,” report students from the Kaufering Realschule who tested the demo version. “Flexibility and ease of access are key when integrating virtual learning software into the classroom,” says Diana Hemauer, project manager at the Frank Hirschvogel Foundation. The VR software is available for free download to educational institutions. For schools located in the Foundation’s regional focus area (the districts of Landsberg, Weilheim-Schongau, and Ostallgäu), Frank Hirschvogel Foundation additionally offers workshops for teachers and students and VR headsets preloaded with the software for loan.

The Frank Hirschvogel Foundation developed the VR learning program, funded by the FilmFernsehFonds Bayern, in cooperation with Munich-based software company USANEERS. The project aims to spark interest in new technologies and inspire students to engage with STEM subjects through innovative teaching methods. The “VR Oscilloscope Training” was presented at the Xplorer Day on June 8, 2024, at the Deutsches Museum in Munich, where it received a very positive response. Interested teachers can contact project manager Diana Hemauer (diana.hemauer@frankhirschvogelstiftung.de) for more information. Please note that the application is suitable for students aged 13 and older.

Since 2007, the Frank Hirschvogel Foundation has been committed to supporting education and science. Through selected programs such as scholarships, and projects in schools, colleges, and universities, the organization promotes talented young individuals. It opens doors for students and university learners to discover and explore new ideas.

**Fostering education.
Strengthening character.**

Frank Hirschvogel Stiftung

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Press release



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Following the motto: „Promote education. Strengthen character.“, the Foundation facilitates knowledge exchange between young, aspiring talents and experienced mentors – bridging education and industry. The Foundation focuses its activities on regions surrounding the Hirschvogel Group’s company locations, supporting educational initiatives and young people in and around Denklingen/Schongau, Eisenach, Gliwice (Poland), Ohio (USA), San Juan del Río (Mexico), Pune (India), and Pinghu (China).

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