

SimScale opens 3D engineering simulation platform for free to students worldwide

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Simulation Experience via the Web Opens New Opportunities for Engineering Education
Hannover Medical School Joins Forces with SimScale as the First Academic Partner Institution; Will Create the First Biomedical Engineering and Science Simulation Course in Spring 2015.

Munich, Germany, – SimScale today announced the [SimScale Academic Program](#), which provides free academic resources to students, professors, and researchers to learn, teach and use engineering simulation and related technologies.

Starting today, students worldwide will have open and free access to the web-based SimScale engineering simulation platform. Students can [register for free](#) and have complete access to the simulation platform from anywhere from any device. The SimScale Academic Program also includes exclusive benefits such as contests, training, as well as the ability to publish works, rankings, incentives, recognition and rewards.

The [first student contest](#) – open for submissions starting today until January 31, 2015 – is to create an impressive visualization screenshot, based on the SimScale tutorials, online part libraries or a student's own project. Students will get first-hand insights into simulation technology, and in addition, the ten most impressive screenshot images can win attractive prizes. Details of the contest are available at www.simscale.com/academic.

Computer Aided Engineering

Simulation technology (Computer Aided Engineering / CAE) enables engineers to test technical products in a virtual environment without the costly and time-consuming manufacturing of prototypes. Thus a product development process can be made faster, more cost-efficient and yield better final results. Despite the various advantages, simulation still is not a standard development tool in mechanical engineering. The main reasons for this are the huge investment costs for high-performance computing hardware, software licenses and training that come along with the traditional deployment of simulation capacity. The SimScale platform is groundbreaking in the way simulation can be performed: cost-efficient, scalable and intuitive.

Since the SimScale platform is completely web-based, an internet connection and a modern web-browser are all that is needed to run sophisticated 3D simulations, no matter if dealing with structural mechanics, fluid mechanics, thermodynamics or acoustics analyses. With modern 3D rendering technology, interactive collaboration functionality and the connection to vast computing resources, SimScale gives its customers access to a powerful simulation environment – easier than ever before.

About SimScale

Started as a spin-out of the Technical University of Munich, SimScale GmbH develops a novel web-based platform that simplifies the access to numerical simulation drastically. The five founders – mechanical engineers, computer scientists and mathematicians – are driven by the idea to create a platform that

renews the way Computer Aided Engineering is done, in order to make it available to a broader range of users. SimScale encapsulates a broad range of simulation tools from Fluid Mechanics, Structural Mechanics and Thermodynamics in one user interface which can be tested free of charge on www.simscale.com.

After the development of the prototype, the first investment in SimScale was made by HTGF, BayernKapital and a Business Angel consortium at the beginning of 2013, and just recently, a new round of financing was announced, led by Earlybird, a leading global venture capital firm, also including all the original investors. The SimScale platform was officially launched in the second half of 2013 and has attracted more than 6,000 engineers and designers from around the globe as users since then.

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