

## **Synera launches educational initiative for engineering students – Exclusive collaboration with NASA**

**[Bremen, 16. June 2025]** – Bremen-based technology company Synera, a pioneer in visual programming for process automation and a leading platform for AI agents in engineering, is launching a new educational program that prepares students for the challenges of modern engineering professions in a practical way. At the heart of the program is the exclusive Synera x NASA Education Challenge – a real-world multiphysics design task offered by NASA.

### **Bridging the gap between the lecture hall and high-tech industry**

With the Synera Education Program, the company aims to create a practical supplement to university studies. Participants receive free licenses for Synera's low-code platform as well as access to structured learning paths, workshops, and professional support. Support is provided in particular for theses, Formula Student teams, and teachers who want to integrate modern methods such as generative design, simulation, design optimization, and automation into their teaching.

"This partnership with NASA offers a unique, hands-on learning experience that reflects the reality of engineering work. Our goal is to familiarize young talent early on with the technologies that are already making a difference in the industry," says Dr. Moritz Maier, co-founder and CEO of Synera. "Participants gain practical skills in generative design, optimization, and working with state-of-the-art tools—skills that are essential for the next generation of engineers."

### **Engineering task from space: The Synera x NASA Challenge**

As part of the joint challenge with NASA, international students tackle a real-world task from the field of space technology: They are looking for a structure that is as compact and lightweight as possible for rocket launches – a prime example of multidisciplinary system development.

The challenge kicks off with a digital launch event, where experts from NASA and Synera provide insights into the practical aspects. The teams then develop their own technical concepts and implement them using the Synera platform. This involves the use of advanced simulation and optimization methods, such as those used in the aerospace industry.

### **A springboard for the engineers of tomorrow**

The initiative underscores Synera's commitment to promoting innovation in education and preparing young engineers for real-world challenges. In addition to professional development, the focus is also on networking with industry and research.

#### **About Synera:**

Synera is at the forefront of process automation software for engineers, offering an open low-code platform that revolutionizes how engineers develop hardware products. Their mission is to connect engineering tools and democratize access to advanced engineering technology, enabling teams to leverage their collective expertise for groundbreaking innovations.

**Contact Synera**

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