PRESS RELEASE

"Ask yourself!" – Kick-off to the 54th annual "Jugend forscht" youth science competition

Youths and young adults from South Hessen with an interest in the various MINT subjects will present their creative and innovative research projects at the 2019 "Jugend forscht" Regional Competition on February 21 at Fraunhofer IGD in Darmstadt.

(Darmstadt) Whoever wants to join in does not have to be another Einstein, just have a passion for researching, inventing and experimenting. Young scientists are encouraged to accept the challenge and come up with their own research project. It is in this vein that the slogan for this year's "Jugend forscht" regional competition is "Ask yourself!"—have the courage to ask yourself! Look for the answers to your questions yourself and show what you can do. Not only is it fun, it also helps you move forward.

For the last 12 years, the Fraunhofer institutes in Darmstadt—the Fraunhofer Institute for Computer Graphics Research IGD, the Fraunhofer Institute for Structural Durability and System Reliability, and the Fraunhofer Institute for Secure Information Technology SIT—have been sponsoring the youth competition and, as in previous years, this year's event will be held at Fraunhofer IGD and hosted by Dr. Paul Schlöder, a biology and chemistry teacher at Dreieichschule high school in Langen, and Stefan Daun, head of quality assurance at Fraunhofer IGD. An address at the opening ceremony will be given by the mayor of Darmstadt, Jochen Partsch, followed by the keynote speech by Christoph Kröll from ATG Europe for ESA (European Space Agency).

PRESS RELEASE

Participants in the South Hessen Regional Competition will compete in two divisions, "Youth Researching" (ages 15 to 21) and "Students Experimenting" (4th grade to age 14). The number of participants has grown each year, with 73 students presenting 35 different projects this year for a new record for the competition held at Fraunhofer IGD. The young scientists will vie for recognition of their projects in the areas of work environments, biology, chemistry, earth science, geography, mathematics/computer science, physics and technology.
"Student competitions like 'Jugend forscht' play an important role in shaping future STEM [science, technology, engineering and mathematics] education. As part of a stringent, coordinated program to promote STEM along the entire education chain mathematics, they are a core component," said Dr. Sven Baszio, executive chairman of the foundation Stiftung Jugend forscht e. V.

The competition is held nationwide and consists of three rounds. The first round is the regional competition, where the victors qualify for their local state competition. Whoever is interested in the young scientists' creative ideas is cordially invited to a public presentation at Fraunhofer IGD on February 21, 2019 starting at 2:00 PM. The best from each state will then go toe-to-toe in the final round, the national competition.

Program

2:00–3:30 PM	Public presentation of the projects
3:30–4:00 PM	Pre-ceremony reception
4:00–6:00 PM	Ceremony with live music
6:00 PM	Conclusion

For more information:

www.jugend-forscht-hessen-sued.de (German language only).

PRESS RELEASE

Image: "Jugend forscht" is Germany's most famous youth competition that aims to increase youth interest in science, technology, engineering and mathematics (STEM), and find and promote new talent. (Rights of use: Stiftung Jugend forscht e. V.).

The slogan of this year's "Jugend forscht" regional competition is "Ask Yourself!" Look for the answers to your questions yourself and show what you can do. (Rights of use: Stiftung Jugend forscht e. V.)

Daniela Welling | Head of Corporate Communications
Fraunhofer Institute for Computer Graphics Research IGD
Fraunhoferstraße 5 | 64283 Darmstadt
Phone +49 6151 155-146 | presse@igd.fraunhofer.de | www.igd.fraunhofer.de

PRESS RELEASE

Institute Profile

Founded 30 years ago, Fraunhofer IGD has become the world's leading institution for applied research in the field of visual computing. Visual computing means image and model-based IT. In simple terms, it describes the capability of transforming information into images (computer graphics) and extracting information from images (computer vision). The numerous application scenarios include human/machine interaction, interactive simulation, and modeling situations.

Our developers at the sites in Darmstadt, Rostock, Graz, and Singapore develop new technical solutions and prototypes all the way up to the market readiness stage. In collaboration with our partners, this results in application solutions that are custom-tailored to customer requirements.

Our approaches facilitate the work with computers and are efficiently used in the industry, in everyday life, and in the healthcare sector. Our research highlights includes assisting people in the Industry 4.0, the development of key technologies for the Smart City, and the use of digital solutions in the field of Individual Health.

Through applied research, we support the strategic development of the industry and economy. Especially small and medium-sized enterprises as well as service centers can benefit from this and be successful on the market with the help of our leading technologies.

Daniela Welling | Head of Corporate Communications
Fraunhofer Institute for Computer Graphics Research IGD
Fraunhoferstraße 5 | 64283 Darmstadt
Phone +49 6151 155-146 | presse@igd.fraunhofer.de | www.igd.fraunhofer.de