



THGA University celebrates first World Engineering Day: Focus on the UN's sustainability goals

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2020 is an important date in the annual calendar: World Engineering Day on March 4th. The umbrella organization of all engineering associations, the World Federation of Engineering Organizations (WEFO), has created it to link engineers internationally and to draw attention to the shortage of skilled workers. For this reason, events were held all over the world to promote professional exchange. This was also the case at the Georg Agricola University of Applied Sciences (THGA): At the Bochum University of Applied Sciences, the focus was primarily on the UN's sustainability goals.

"Engineers have a special responsibility", said University President Prof. Dr. Jürgen Kretschmann in his welcoming address: "They play a significant role in human well-being and sustainable development as a whole. That is why we at THGA pay particular attention to teaching our students not only technical understanding, but also a holistic view of people and the environment". In doing so, THGA is not only acting entirely in the spirit of its patron saint, the universal scholar Georg Agricola, but is also following the recommendations of the United Nations. The 17 "Sustainable Development Goals" are political objectives of the UN, which are intended to ensure sustainable development worldwide on an economic, social and ecological level.

At the World Engineering Day at the THGA, the participants therefore discussed the challenges facing the engineering sciences in the future and what contribution the individual disciplines can make - from mechanical engineering to resource management. For example, the keynote lecture by Prof. Dr. Michael Prange dealt with the question of how old industrial plants can be maintained and modernized. Post-mining expert Prof. Dr. Tobias Rudolph from the THGA presented new methods with which environmental changes can be detected and monitored. For example, modern drone technology is used for this purpose, which the participants were able to try out directly during the event.

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