

## Press Release

Meitingen, February 15, 2018

### **SGL Carbon and Augsburg University of Applied Sciences award students for a joint simulation game**

In the winter semester 2018/2019, students of the Master program "Environmental and Process Engineering" of Augsburg University of Applied Sciences developed solution concepts for a specific task of SGL Carbon's Meitingen site. The aim of the simulation game, in which a practical situation is simulated as realistically as possible, was to optimize the high-temperature processes in the graphitization furnaces in the "Fiber Materials" business area. A total of 15 students took part in the competition. Last week, the awarding event took place in the Forum of SGL Carbon in Meitingen. In total, cash prizes worth 4,000 euros were distributed: two times 1,500 euros and once 1,000 euros.

The students competed in three groups to work out the best concept proposal. In the end, there were three very good results, which differed in some details, such as the costs of implementation or security issues.

Thomas Putz, production manager and responsible for the simulation game at SGL Carbon: "To be honest, at the beginning of the simulation game I was a bit skeptical as to whether a short-term approach and the complexity of the topic would make it possible to come up with a viable concept. In the end, I was very positively surprised by the presented solution concepts. The results of all three groups will certainly help us in our work, and I can well imagine that we will be hosting more simulation games with the university in the future."

Graphitization is an important element in the production of specialty graphite solutions. In Meitingen, carbon fiber reinforced carbon (CFRC) or graphite rigid felts are manufactured in this way. The ovens are electrically heated and can reach temperatures of up to 2,200 degrees Celsius. Due to these extremely high temperatures, the systems are heavily stressed and must be maintained with great effort to ensure the availability and safety of man and machine.

#### **About SGL Carbon**

SGL Carbon is a technology-based company and world leader in the development and production of carbon-based solutions. Its high-quality materials and products made from specialty graphite and composites are used in industrial sectors that determine the future: automotive, aerospace, solar and wind energy, semiconductor and LEDs as well as in the production of lithium-ion batteries and other energy storage systems. In addition, SGL Carbon develops solutions for chemical and industrial applications.

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**In 2017, SGL Carbon generated sales of around 860 million euros. As of December 31, 2017, the company had approximately 4,200 employees worldwide in 34 locations in Europe, North America, and Asia.**

Materials, products and solutions from SGL Carbon are embedded in the major topics of the future: sustainable mobility, new energies and cross-industry digitization. Further developments in these areas demand more intelligent, more efficient, networked and sustainable solutions. This is where the entrepreneurial vision of SGL Carbon evolves around: contributing to a smarter world.

Further information on SGL Carbon can be found in the Newsroom of SGL Carbon at [www.sglcarbon.com/press](http://www.sglcarbon.com/press) and at [www.sglcarbon.com](http://www.sglcarbon.com).

**Important note:**

To the extent that our press release contains forward-looking statements, the latter are based on information that is available at present and on our current forecasts and assumptions. Forward-looking statements, by their very nature, entail known as well as unknown risks and uncertainties that may lead to actual developments and events differing substantially from the forward-looking assessments. Forward-looking statements must not be understood to be guarantees. Instead, future developments and events depend on a large number of factors; they comprise various risks and imponderables and are based on assumptions that may possibly turn out not to be appropriate. These include unforeseeable changes to fundamental political, economic, legal and societal conditions, particularly in the context of our main customers' industries, the competitive situation, interest and exchange rate trends, technological developments as well as other risks and uncertainties. We perceive additional risks e.g. in pricing developments, unforeseeable events in the environment of companies acquired and Group member companies as well as in current cost savings programs from time to time. The SGL Carbon assumes no obligation and does not intend to adjust or otherwise update these forward-looking statements either.

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