## PRESS RELEASE



## SGL Group presents Utz-Hellmuth Felcht Award to Professor Hui-Ming Cheng

- Professor Hui-Ming Cheng honored for contribution to three-dimensional graphene networks for energy storage
- This year's award presented in person by Professor Utz-Hellmuth Felcht

*Dresden / Wiesbaden, July 17, 2015.* SGL Group – The Carbon Company – has given this year's Utz-Hellmuth Felcht Award to Professor Hui-Ming Cheng from the Institute of Metal Research, Chinese Academy of Science (China), for his work on three-dimensional graphene networks for energy storage. Using chemical vapor deposition of graphene on a nickel substrate, he produced three-dimensionally networked, electrically conductive and flexible carbon networks. This was necessary to create flexible lithium-ion batteries with a high capacity and very fast charging and discharging capabilities.

The award ceremony took place at the Annual World Conference on Carbon 2015, which was held in Dresden from July 12 to 17. The award, given every two years, is endowed with prize money of €5,000 and was being presented for the third time. It recognizes exceptionally innovative scientific and technical achievements in the field of carbon and SiC-based ceramics and is named in honor of Professor Utz-Hellmuth Felcht, long-standing Chairman of the Supervisory Board of SGL Group.

The first award winner, in 2011, was Professor Walter de Heer from US university Georgia Tech for his innovative research into graphene-based electronics. Two years later, he was followed by Professor Klaus Müllen of the Max Planck Institute in Mainz for his work on the chemical synthesis of graphene.

Dr. Gerd Wingefeld, responsible for Technology and Innovation on the Board of Management of SGL Group, comments: "Energy storage is one of this year's global megatrends. With his research into three-dimensional graphene networks, Professor Hui-Ming Cheng has made a major contribution to ongoing development in that field. We wish to recognize this achievement and provide financial support by presenting the Utz-Hellmuth Felcht Award."



## <u>About SGL Group – The Carbon Company</u>

SGL Group is one of the world's leading manufacturers of carbon-based products and materials. It has a comprehensive portfolio ranging from carbon and graphite products to carbon fibers and composites. SGL Group's core competencies are its expertise in high-temperature technology as well as its applications and engineering know-how gained over many years. These competencies enable the Company to make full use of its broad material base. SGL Group's carbon-based materials combine several unique properties such as very good electrical and thermal conductivity, heat and corrosion resistance as well as high mechanical strength combined with low weight. Due to industrialization in the growth regions of Asia and Latin America and increased substitution of traditional with innovative materials, there is a growing demand for SGL Group's high-performance materials and products. Products from SGL Group are used predominantly in the steel, aluminum, automotive and chemical industries as well as in the semiconductor, solar and LED sectors and in lithium-ion batteries. Carbon-based materials and products are also being used increasingly in the wind power, aerospace and defense industries.

With 42 production sites in Europe, North America and Asia as well as a service network covering more than 100 countries, SGL Group is a company with a global presence. In 2014, the Company's workforce of around 6,300 employees generated sales of €1,336 million. The Company's head office is located in Wiesbaden.

*Further information on SGL Group can be found in SGL Group's newsroom at* www.sglgroup.com/press or at www.sglgroup.com.

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This press release may contain forward-looking statements based on the information currently available to us and on our current projections and assumptions. By nature, forward-looking statements involve known and unknown risks and uncertainties, as a consequence of which actual developments and results can deviate significantly from these forward-looking statements. Forward-looking statements are not to be understood as guarantees. Rather, future developments and results depend on a number of factors; they entail various risks and unanticipated circumstances and are based on assumptions which may prove to be inaccurate. These risks and uncertainties include, for example, unforeseeable changes in political, economic, legal, and business conditions, particularly relating to our main customer industries, such as electric steel production, to the competitive environment, to interest rate and exchange rate fluctuations, to technological developments, and to other risks and unanticipated circumstances. Other risks that in our opinion may arise include price developments, unexpected developments connected with acquisitions and subsidiaries, and unforeseen risks associated with ongoing cost savings programs. SGL Group does not intend or assume any responsibility to revise or otherwise update these forward-looking statements.

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