

Essen, December 4, 2017

## Galileo Prize Materials Testing awarded to Christian Ullrich

- Head of the Department Technical Services of VGB PowerTech e.V. received award for outstanding performance in the field of materials development and testing
- Deutsche Gesellschaft für Materialkunde e.V. (DGM)<sup>1</sup>, Deutscher Verband für Materialforschung und -prüfung (DVM)<sup>2</sup> as well as Stahlinstitut VDEh<sup>3</sup> have been bestowing the Galileo Prize since 2007;

**This year, the prize was awarded within the scope of the Conference “Materials Testing” in Berlin**

Berlin/Essen. *Christian Ullrich*, head of the Department Technical Services of VGB PowerTech e.V. was awarded the 2,000 Euro “Galileo Prize Materials Testing 2017”. The three associations Deutsche Gesellschaft für Materialkunde e.V. (DGM), Deutscher Verband für Materialforschung und -prüfung (DVM) as well as Stahlinstitut VDEh honoured at their Conference “Materials Testing” the 34-year-old engineer *Christian Ullrich* for his outstanding merits in the field of materials for high-temperature and ultra-high temperature power plants. *Christian Ullrich* broke ground for power plant engineering with his achievements in materials development, quality assurance, construction monitoring and analysis of damage.

High-performance and reliable materials, which can be applied at high temperatures, are inevitable for sophisticated power plant engineering. High-temperature materials enable more efficient power plants which save fuel, reduce environmental burden and optimise entire plant efficiency. Such materials also play an important part in connection with the integration of renewables in power supply, i.e. these materials are more flexible in load following operation. The prize committee acknowledged important individual contributions of *Christian Ullrich* like damage investigations on the high-temperature material “T24”, updates of the VDI-Heat Atlas and VGB-Standard 517 on microstructural composition and creep rupture damage. These subjects and activities are supported by the close cooperation with *Professor Dr.-Ing. Wolfgang Tillmann* and *Dipl.-Ing. Hans-Georg Rademacher*, chair for materials technology of Technische Universität Dortmund.

*Dr Hans Bünting*, Chairman of VGB PowerTech e.V. and Chief Operating Officer Renewables of innogy SE, said on the occasion of the award: “I am very pleased that *Christian Ullrich* is working with VGB and that his merits have now been honoured by the three associations. The Galileo Prize also acknowledges the entire activities of VGB and of the staff cooperating with *Christian Ullrich* enabling such engineering highlights. The award also underlines the important contributions made by VGB in electricity and heat generation.”

*Christian Ullrich* studied mechanical engineering focusing on materials engineering/quality assurance at Technische Universität Dortmund. After his studies he had worked as project engineer in power plant engineering and power plant service before he became head of VGB’s technical Services in 2013.

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VGB PowerTech e.V., based in Essen, is the international technical association for the generation and storage of power and heat. Its some 450 members from 33 countries represent an electricity generating capacity of 435,000 MW. VGB’s Technical Services

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1 German Association for Materials Science and Materials Engineering

2 German Association for Materials Research and Testing

3 Steel Institute VDEh

are an integral part of the association's activities covering important topics of construction and operation of electricity generation, i.e. engineering consultancy, supervision of construction and assembly as well as materials laboratory and water chemistry.

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