

Editorial

Conferment of the NETZSCH-GEFTA Award 2004 to Dr. Stefan Sarge

The NETZSCH-GEFTA Award 2004 was presented to Dr. Stefan Sarge from Braunschweig, Germany on Oktober 5, 2004, as part of the 25th anniversary celebration of the creation of the German Thermal Analysis Society (GEFTA).



Dr. Sarge began his professional development with his diploma thesis and then his doctoral dissertation, both of which he prepared under the direction of Professor Heiko K. Cammenga at the Institute for Physical and Theoretical Chemistry of the Technical University of Braunschweig. He dedicated himself to solid-state reactions in organic materials and pursued these with TG, DSC, thermo-optical analysis and scanning electron microscopy, among other methods. Later, he also carried out analyses of organic reaction kinetics with dynamic calorimetry, tests of purity determination and the recording of phase diagrams using DSC und DTA.

After earning his Ph.D. in 1988, he worked under the direction of Günther Höhne at the University of Ulm's Calorimetry Section for a few months in the area of high-pressure DSC and created the groundwork for the construction of a calorimeter which could be employed up to 4 kbar. Thereafter, he was at the University of Queensland in Brisbane, Australia for 1 year where he conducted post-doctorate studies on phospholipids with calorimetric and surface-physical methods together with G.T. Barnes.

This was the work, covering a period of about 6 years, for which GEFTA accorded him the NETZSCH-GEFTA Young Scientist Award in 1990. Dr. Sarge thereby became the first scientist to receive the Young Scientist Award from GEFTA at the beginning of his career, and 14 years later, in the middle of his professional career, the NETZSCH-GEFTA Award.

Since 1990, Dr. Sarge has been working at the Physical-Technical Federal Agency (PTB), where he has been the director of the laboratory for caloric quantities since 1991.

His scientific findings comprise 38 original works, 2 book chapters, 1 patent, and 31 lectures—of which several were primary and invited lectures—as well as many poster contributions.

Dr. Sarge acquired his national and international reputation primarily through various activities which are closely tied to the objectives and concerns of our association.

For example, for almost 10 years, he has been a very active participant in both of the GEFTA calibration research groups, whose results were officially recommended by the ICTAC several years ago.

The NETZSCH-GEFTA Award and the NETZSCH-GEFTA Young Scientist Award honor exceptional scientific achievement in Thermal Analysis and calorimetry and are alternately conferred on an annual basis by GEFTA's Board of Directors.

The prize is sponsored by NETZSCH-Gerätebau GmbH of Selb in Bavaria, Germany, a globally active manufacturer of instruments for thermoanalytical measurement.

Michael Feist (*GEFTA Chairman*)

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