



## Werner Kutzelnigg 1933 – 2019

With utmost sadness, I share the news that Werner Kutzelnigg has passed away.

Professor Kutzelnigg was an internationally recognized giant in the field of quantum chemistry. Many of his original ideas influenced the field in decisive ways. These include his mathematical research on basis set expansions, his analyses of chemical bonding beyond the usual cases, his early work on computational NMR theory, his concepts for practical relativistic calculations, and his pioneering contributions to correlated electronic structure including explicitly correlated ( $r_{12}$ , F12) wavefunctions.

Much of Kutzelnigg's ground-breaking work will endure because of a generation of quantum chemists who are continuing to fruitfully develop his unique ideas on electronic structure, expanding their sophistication and applicability. His written oeuvre will certainly continue to inspire future generations of quantum chemists.

Dominik Marx  
Lehrstuhl für Theoretische Chemie  
Ruhr-Universität Bochum