

## **Prof. Sason Shaik: Biographical Notes – June 2025**

Sason Shaik began his carrier at Ben-Gurion University (1980) after PhD- training (1974-1978) with Epiotis, at the University of Washington in Seattle, and postdoctoral research (1978-1979) with Hoffmann at Cornell University in Ithaca. His Ph.D. and Post-doctoral research involved Quantum Chemistry.

Sason became Full Professor at Ben-Gurion University in 1988. He received a call and moved to the Hebrew University in 1992 where he is the Saerree K. and Louis P. Fiedler Professor. He served as Director of the Lise-Meitner Minerva Center for Computational Quantum Chemistry (1997-2017). The Center involved members from the Hebrew University, Technion, and other Israeli universities.

He is a fellow of the AAAS, IAQMS, a Foreign Member of the French Academy of Sciences, Member of the Israeli Academy of Sciences, Schrödinger Medalist of WATOC, August-Wilhelm-von Hoffman Gold Medalist of the German Chemical Society, and Gold Medalist of the Israel Chemical Society.

Sason retired in 2017 but is still active. His research involves theoretical formulations of bonding, structure and reactivity features, based on molecular-orbital- and valence-bond- theories. His current research interests are the effects of electric fields on chemical behavior, and the origins and impacts of dispersion interactions as a glue of matter.

His research is documented in 630 publications. One of his books summarizes his teachings of chemistry to students of humanities and social sciences. One of his hobbies is poetry... He is wedded to Sara and have a daughter (Yifat-Sela).