

# Bartosz A. Grzybowski

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**BIO:** Bartosz A. Grzybowski (Yale'95, Harvard'00) is a Distinguished Professor of Chemistry at the Ulsan National Institute of Science and Technology (UNIST, South Korea) and a Director of the IBS Center for Algorithmic and Robotized Synthesis (CARS) located therein. He is also affiliated with the Institute of Organic Chemistry, Polish Academy of Sciences. Although he has spent a large fraction of his research career on esoteric problems of self-assembly and non-equilibrium systems, he considers his most impactful discoveries to be in the area of computer-driven synthesis (e.g., the Chematica/Synthia and Allchemy programs). The chemical algorithms and robotics systems Grzybowski develops find applications in both academic and industrial settings, and have ramifications for the issues of global chemical production, circular economy, and national security. Grzybowski is an author of 300+ articles ( $H = 95$ ; 19 in *Nature* and *Science*), and over the years received numerous accolades of which the 2016 Feynman Prize, Solvay Congress Lecture 2019, IUPAC Plenary Lecture 2023, and the 2022 Foundation for Polish Science Prize are closest to his heart. Grzybowski has founded several chemistry and biotech startups, and sits on the advisory boards of several companies and international organizations (e.g., OPCW in the Hague).