

Marek Berezowski



Academic degrees: Prof. dr. eng.

Position: Professor

Engineering - technical field

Discipline Chemical engineering

Academic qualifications:

Academic teacher

Membership in professional and academic boards:

Academic merits:

Professor of Technical Sciences affiliated with *Cracow University of Technology*, working at the *Department of Chemical Engineering and Technology*. His theoretical research focuses on the dynamics of nonlinear systems, with applications of chaos theory and fractals. He is the creator of the so-called "**Berezowski Transition**," applied in chemical engineering, quantum physics, and the analysis of Nash equilibria in economics. This transformation is featured on the **Wolfram Demonstrations Project** platform. He received the title of Professor in 2009. He has also taught at *Silesian University of Technology, Faculty of Applied Mathematics* and worked at the *Institute of Chemical Engineering of the Polish Academy of Sciences* in Gliwice. He is the author and co-author of over 100 scientific articles published in reputable international and Polish journals, primarily in the field of reactor dynamics and modeling.

Professional qualifications / language skills

English

Research field:

analysis of nonlinear system dynamics, study of chaos and fractals, mathematical modeling of chemical reactors

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Useful links:

https://www.researchgate.net/profile/Marek-Berezowski?ev=hdr_xprf