

CURRICULUM VITAE

Family name: Gosiewski **First name:** Krzysztof **Middle name:** Jan

Date and place of birth: June 24, 1939 Mikolow

Education, scientific and professional grades:

MSc - Silesian University of Technology in Gliwice (1962)

PhD - Silesian University of Technology in Gliwice (1972)

DSc - Warsaw University of Technology in Warsaw (1996)

Positions: 1962 – 1966 Assistant and Senior Assistant in the Silesian University of Technology in Gliwice

1966 – 1975 Senior Researcher in the Institute of Inorganic Chemistry in Gliwice

1975 – 1997 Professor Assistant and next also Head of Process and Control Engineering Department in the Institute of Inorganic Chemistry in Gliwice

1997 – 2008 Associate Professor of the Jan Dlugosz University of Czestochowa

2006 – still ongoing Associate Professor of the Institute of Chemical Engineering, Polish Academy of Sciences in Gliwice

Work in Science: Study of static and dynamic numerical models of chemical processes.

Co-authorship of the computer flowsheeting simulation systems designed for static and dynamic simulations of the sulphuric acid and desulphurisation plants. Computer simulations of the start-ups of SO₂ oxidation plants. Computer aided design of many industrial SO₂ oxidation plants. Mathematical models of the reverse-flow reactors. Investigations of reactors with an internal heat recuperation. The study of the mathematical models of the reverse-flow reactors for catalytic partial oxidation of methane to synthesis gas and some other new solutions of unsteady state (i.e. non-stationary) catalytic reactors. More recently: catalytic and thermal combustion of lean methane-air mixtures (coal mine ventilation air) in the reverse flow reactors.

Publications and patents: More than 50 publications in International and Polish Journals and about 40 presentations at international and domestic Conferences or Symposia. Authorship or co-authorship of 17 patents – one of them (the reactor with internal heat recovery) awarded a golden medal at the 43rd World Exhibition of Invention, Research and Industrial Innovations “Brussels Eureka’94”.

Awards and Honours:

	Place and date
1. Commander's Cross of the Order of Polonia Restituta	Warsaw 12 th April 2007
2. Gold Medal of the 43 rd World Exhibition of Invention, Research and Industrial Innovations EUREKA'94 (Médaille d'Or 43 ^{ème} Salon Mondial de l'Invention, de la Recherche et de l'Innovation Industrielle Brussels Eureka '94)	Brussels November 1994
3. Membership of the Scientific Committee on Chemical and Process Engineering of the Polish Academy of Sciences	1990 – 1993
4. Award of the POLCUL FOUNDATION (for “exceptional contribution towards development of the independent Polish culture”)	Sydney, 1987
5. Award of the "Master of technique" contest of the “Life of Warsaw” daily	Warsaw, 1984