

CURRICULUM VITAE

Prof. Ing. Jozef Markoš, DrSc.

Born March 05, 1957, married, 3 children

Membership:

Chairman of the executive committee of Slovak Society of Chemical Engineering
Delegate of SSCHE at Working Party "Chemical Reaction Engineering" of EFCE
(from 2002)

Chairman of the Organization Committee of the International Conference of Slovak Society of Chemical Engineering (<http://sschi.chtf.stuba.sk>) from 1998

Education:

1981 - graduated at Slovak University of Technology (SUT)

1985 - defended PhD thesis "Modelling of catalytic reactors with catalyst deactivation

2004 - DSc dissertation "Modelling of chemical reactors"

Career:

1982 - 1984: PhD student at Slovak University of Technology, Bratislava

1984 - 1991: assistant professor at SUT, Bratislava

1992 - 1994: researcher at "Centre for Advanced Studies, Research and Development at Sardinia", Cagliari, Italy (project leader Prof. Morbidelli, M.)

1994 - 1998 - researcher at SUT

T1998 – 2005 - associate professor at Department of Chemical and Biochemical Engineering, SUT Bratislava

2005 - full professor

Teaching:

Lectures: Basic Principles of Reactor Engineering (homogeneous reactors),
Multiphase reactors, Mass Transfer and Separation, (www.uchei.sk)

Research:

modelling of gas - liquid reactors, reactive distillation,

modelling of air-lift bioreactor, hybrid systems bioreactor – membrane separation,

safety analysis of chemical reactors,

renewable sources of energy: pyrolysis and gasification of biomass,

research for industry: design, optimization of chemical reactors and separation processes.

Publication activity:

96 papers in CC Journals, 20 papers in CA Journals, 970 citations SCI

Other skills:

- Languages: Slovak, English, Italian

Bratislava, February, 2020