

BOZGA Grigore, professor

Foto

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Faculty of Applied Chemistry and Materials Science
Chemical Engineering Department

Contact information

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Education and training

Dates	1966-1971
Title of qualification awarded	Chemical engineer
Principal subjects/occupational skills covered	Organic compounds technology
Name and type of organisation providing education and training	University Politehnica, Bucharest, RO
Level in national or international classification	Level A, in Romanian university ranking
Dates	1985
PhD in Chemical Engineering	Politehnica University Bucharest, RO

Professional experience

Dates	1971-1978
Occupation or position held	Process Analysis Engineer
Main activities and responsibilities	Design projects for computer process control systems (involved in process analysis, modelling and simulation studies)
Name and address of employer	Research Institute for Management and Informatics, Bucharest
Type of business or sector	Research and design
Dates	1978- present
Occupation or position held	Assistant professor (1978-1982); Lecturer (1982-1991); Associate professor (1991-1996); Professor head of department (1996- present)
Main activities and responsibilities	Teaching and research
Name and address of employer	University Politehnica, Bucharest, RO
Type of business or sector	Higher education in chemical engineering

Academic and research interests

Chemical process modeling, simulation and optimization; Kinetics of heterogeneous processes. Author or co-author of 14 books or handbooks for students and 123 published works (72 in scientific journal papers and 51 in conference proceedings).

Teaching activity

<i>Ciclu studii (Master/licenta)</i>	<i>Denumire specializare</i>	<i>Cod disciplina din planul de invatamant</i>	<i>Titlu disciplina</i>	<i>Tip activitate (curs/proiect/laborator etc)</i>
<i>Licenta</i>	<i>IIPCB</i>		<i>Reactoare chimice si biochimice</i>	<i>curs</i>
<i>Licenta</i>	<i>CISOPC</i>		<i>Reactoare chimice</i>	<i>curs</i>

Publication (selective):

Books

- Bozga G., Muntean O., *Reactoare Chimice*, vol. 1 si 2, Ed. Tehnica, Bucuresti, 2001.
- Danciu E., Bozga G., *Bazele ingineriei chimice*, Litografia UPB, 1985.

Articles

- C. M. Manta, G. Bozga, G. Bercaru and C. Sorin Bildea, Kinetics of o-xylene combustion over Pt/alumina catalyst, *Chemical Engineering & Technology*, vol. 35, (12), pg. 2147–2154, 2012.
- E. F. Tuta, G. Bozga, Performance Assessment by Simulation of a Gas-Recycle Oxosynthesis Plant with Propylene Recovery, *Industrial & Eng. Chemistry Research*, 2011, vol. 50, Issue 8, pag. 4545- 4552.
- G. Pop, G. Bozga, R. Ganea, N. Natu, Methanol Conversion to Dimethyl Ether over H-SAPO-34 Catalyst, *Industrial & Eng. Chemistry Research*,. 2009, vol. 48, pag. 7065–7071.
- M. Bosomoiu, G. Bozga, D. Berger, C. Matei, Studies on Combustion Catalytic Activity of Some Pure and Doped Lanthanum Cobaltites, *Applied Catalysis B: Environmental*, 2008, vol. 84, pag. 758–765.
- G. Bozga, A. Motelica, R. Dima, V. Plesu, A. Toma, C. Simion, Evaluation of published kinetic models for tert-amyl ethyl ether synthesis, *Chemical Engineering and Processing*, 2008, vol. 47, pag. 2247–2255.

Research projects

- *Noi procedee de valorificare a glicerinei rezultata la sinteza biodieselului* – GLICEVAL, Proiect PN2 nr. 71053 /14.09.2007 (faze anuale in perioada 2007-2010).
- *Noi materiale catalitice pentru depoluarea efluentilor gazosi industriali*, CATOX, Proiect CEEX, U.P. București (CTTIP, Catedra de Inginerie Chimică) –U. P. G. Ploiesti, nr. 40-3 / 2005 (UPB) - Contract CEEX nr. 14/2005, titular U P G Ploiesti (faze anuale in perioada 2005-2008).

Other information

Awards

- The Prize of Romanian Academy of Science, in Chemical Engineering, 2002.
- Diploma of Honour awarded by Romanian Society of Chemistry, 2004.

Professional affiliations

- Romanian Society of Chemical Engineering;
- Romanian Society of Chemistry;
- Romanian Academy of Technical Science.