

SOARE GHEORGHE
associate professor

Foto

University "POLITEHNICA" Bucharest
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Department of Chemical Engineering

Contact information

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Education and training

1

Dates	1969-1974
Title of qualification awarded	Chemical engineer
Principal subjects/occupational skills covered	Chemical engineering, macromolecular compounds technology
Name and type of organization providing education and training	University Politehnica of Bucharest
Level in national or international classification	

2

Dates	1981-1987
Title of qualification awarded	Doctor engineer
Principal subjects/occupational skills covered	Mechanism and enhancing boiling heat transfer
Name and type of organization providing education and training	University Politehnica of Bucharest
Level in national or international classification	

Professional experience

1

Dates	1974-1979
Occupation or position held	Chemical engineer
Main activities and responsibilities	Rubber processing
Name and address of employer	IBCC Jilava
Type of business or sector	

2

Dates	1979-present
Occupation or position held	Assistant, lecturer, associate professor
Main activities and responsibilities	Teaching and research in heat transfer
Name and address of employer	University Politehnica of Bucharest
Type of business or sector	

Academic and research interests

Teaching activity

Se completeaza conform indicatiilor din tabel

<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>License</i>	<i>Chemical engineering</i>	<i>UPB.11.S.05.O.508</i>	<i>Heat transfer phenomena</i>	<i>Course, seminar and laboratory</i>
<i>License</i>	<i>Chemical engineering</i>	<i>UPB.11.S.07.O.504</i>	<i>Integration of the chemical and biochemical processes</i>	<i>Course and seminar</i>

Publication (selective):

Books

1. **G. Soare**, Fundamentals of heat transfer. Edit. Politehnica Press, București, 2006, (Romanian).
2. **G. Soare**, Fundamentals of heat transfer problems. Edit. Politehnica Press, București, 2006, (Romanian).

Articles (eventual cu link-uri care lucrarile publicate on-line)

1. **G. Soare**, Heat Transfer in Boiling of Vertical Falling Films, *Proceedings of the Romanian Academy, Series B*, Vol. 5, Nr. 1-2, p. 11-16, 2003.
2. **G. Soare**, Natural convection heat transfer from extended surface finned coil L-shape, *Revista de chimie*, 55, 8, p. 643-647, 2004, (Romanian).
3. **G. Soare**, Laminar flow under gravity modeling of liquid films on inclined sieves, *Revista de chimie*, 55, 12, 1053-1040, 2004, (Romanian)
4. **G. Soare**, A. Tudor, Molecular dynamics simulation of the heat transfer by natural convection in a bio-lubricant, 19-th International Congress of Chemical and Process Engineering CHISA 2010, 28 August-1 September 2010, Prague, Czech Republic.
5. Y. Soudais, C. Serbanescu, F. Lemont, J. C. Poussen, **G. Soare**, Gr. Bozga, Kinetic Modeling of the Polychloroprene Pyrolysis Under Nitrogen Atmosphere, *Waste Biomass Valorization*, 2, (1), 65 – 76, 2011.

Research projects (eventual cu link-uri care paginile web daca exista)

- Theoretical study of the convection heat transfer mechanism at nano scale. Grant CNCSIS, 2004-2006.
- Biodegradable, lubricating and cooling fluid–BIOFLUM. Contract MEC- PNCDI-II, 2008-2011.

Other information