

CURRICULUM VITAE

First name: Mircea
Last name: VINATORU

Office address:

SonoChem Centre Ltd
Bank Gallery, High Street,
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United Kingdom

University address:

University POLITEHNICA of Bucharest
Faculty of Applied Chemistry and Materials Science,
1-7 Gh. Polizu, 011061, Bucharest, **ROMANIA**

Personal data:

Born on May 5, 1947
City Gurghiu
County Mures
Country **ROMANIA**



Education:

M. S. 1970 Graduated at Polytechnic Institute of Bucharest, Faculty of Chemical Technology, specialty: Technology of Organic Substances.
1991 School of Sonochemistry, Coventry University, United Kingdom
Ph. D. 1996 Romanian Academy, Institute of Organic Chemistry.

Languages:

English good knowledge in reading, speaking and writing
French good knowledge in reading fair in speaking and writing
Italian fair knowledge in reading

Experience:

1970 – 1980	Diplomat chemical engineer, promoted as researcher in 1976, Center of Organic Chemistry, Bucharest, Romania
1980 – 1985	Head Department, Film Processing Factory Cinematography Studio, Romania
1985 – 1990	Senior Engineer, promoted as senior researcher in 1990. 'C. D. Nenitzescu' Institute of Organic Chemistry of the Romanian Academy
1990 – 2005	Senior researcher, responsible for Sonochemistry Program, Institute of Organic Chemistry 'C. D. Nenitzescu' of the Romanian Academy, head of sonochemistry laboratory
2005 – 2006	Ultrasonic chemist, Prince Edward Island, Food Technology Centre, Charlottetown, CANADA
2006 – 2007	Senior researcher, responsible for Sonochemistry Program, Institute of Organic Chemistry 'C. D. Nenitzescu' of the Romanian Academy, head of sonochemistry laboratory, ROMANIA
2008 – 2010	R&D director at ReEenergy LLC company, Dallas, Texas, USA
2010 – 2016	Senior Researcher, Coventry University, United Kingdom, EUROPE
2016 – present	CTO at SonoChem Centre Ltd. (SCC) company, Kenilworth, United Kingdom, EUROPE
2016 – 2020	Director of the European Project: ULTRA MINT Technologies Project – in Polytechnic University Bucharest – ROMANIA
1998 – present	Co-supervisor of six doctoral theses, five of them ended, one is in working progress, ROMANIA .
1988 – 1998	Associate Assistant Professor at Polytechnic Institute Bucharest, ROMANIA teaching technological design of chemical plants and practical organic chemistry laboratory experiments and supervising the graduating students

Membership of professional organizations:

1991 – present	Membership of Romanian Society of Chemistry
1991 – present	Membership of European Society of Sonochemistry
1994 – 1996	Member of the European Society of Sonochemistry board
1998 – 2004	Founder member of Association of Producers and Processors of Medicinal and Aromatic Plants, vice-president until 2004.
2004 – present	Membership of Coalition for Clean Air in Romanian Cities
2008 – 2012	Membership of American Oil Chemist Society
2008 – 2010	Membership of the Institute of Electrical and Electronics Engineers

Publications:

- 21 reports and technological processes for industrials
- 66 papers: published or going to be published in Romania and abroad
- 13 patents or patent applications
- 70 lectures and communications at domestic and international meetings
- 40 posters presented at domestic and international meetings
- 3 book chapters

Awards:

- 1998** – Awarded by Japanese Society for Promotion of Science for one-month grand in Shiga University of Medical Science, Professor Takashi ANDO group.
- 1999** – Awarded by Royal Society of Chemistry for one-month grand in Coventry University, Professor Timothy J. MASON Sonochemistry group.
- 2002** – Awarded by Japanese Society for Promotion of Science for six months grand in Osaka Prefecture University, Professor Yasuaki MAEDA Applied Material Science group.
- 2004** – First Prize of Henry Ford Motor Company Annual Awards for Conservation and Environmental Protection November 2004.



- 2005** – Academic award of Japanese Society of Sonochemistry for the best-published paper in sonochemistry:

C. Stavarache, **M. Vinatoru**, R. Nishimura, Y. Maeda,
*Fatty Acids Methyl Esters from Vegetable Oils by Means of
Ultrasonic Energy*, 2005, Nagoya, JAPAN.
(<http://chemistch.shiga-med.ac.jp/JSS/data/ronbunichiran.pdf>)¹



- 2006** – Awarded with O-1 USA visa, for persons with outstanding abilities.

¹ Granted by Sonochemistry Society of Japan: **2005, Academic Paper Award.**
"Fatty acids methyl esters from vegetable oil by means of ultrasonic energy"
Ultrasonics Sonochemistry, **2005**, Vol. 12, Number: 5, Pages 367– 372, April 2005

2011 – ACS publication certificate for peer review of manuscripts submitted to ACS journals



2013 – Elsevier Ultrasonics Sonochemistry, Certificate of Excellence in Reviewing



2015 – Elsevier Industrial Crops & Products, Certificate of Reviewing



2015 – Elsevier Journal of the Taiwan Institute of Chemical Engineers Certificate of Reviewing



2015 – Elsevier Ultrasonics Sonochemistry, Certificate of Outstanding Contribution in Reviewing



2017 – Awarded as Honorary Citizen by Bailesti City Council on **31 March**



2016 – Kansai University – Japan – 6 weeks Visiting Scientist