

CURRICULUM VITAE

Aurica FARCAS: A brief biographical sketch

Personal information

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Aurica Farcas received her BA (Summa Cum Laude) from "Gh. Asachi" Technical University of Iasi, Romania, in organic chemistry. In 1998 she obtained a PhD in the field of Polymer Chemistry (with honors), from ICMPP, focusing on the supramolecular assemblies of conductive polymers, particularly the synthesis, electrochemistry, doping, conductivity and optical properties, scientific interest which has continued to this day. She then received a postdoctoral position at Fraunhofer Institute for Angewandte Polymerforschung, Golm, Germany, working on the self-assembly of new semiconductive organic materials (2001). In 2002-2003 she continued her training with Professor Harry W. Gibson at the Virginia Polytechnic Institute & State University Blacksburg, USA, where she was a National Science Foundation post-doctoral fellow in molecular self-assembly and molecular recognition. In 2004 she also received a new post-doctoral position in supramolecular chemistry at Heinrich Heine University Düsseldorf, Germany.

Since 2006, she has received by contest invited professor/collaborator positions at the University d'Evry Val d'Essonne, Evry-France; School of Engineering and Science, Jacobs University, Bremen-Germany; Cergy-Pontoise University, Cergy-France. Currently, she is Senior Scientist at ICMPP Iasi-Romania.

For her scientific work, Dr. Farcas has received multiple awards and recognitions, including: the Best Paper Award, at the International Conference "Advanced Topics in Optoelectronics" (2016), C. D. Nenitzescu Prize of the Romanian Academy (2010), an Attendance Certificate in a Technology Transfer Training from Wirtschaftsförderung und Technologietransfer Schleswig Holstein GmbH (WTSH) Kiel, Germany (2005), German Academic Exchange Service (2004) and the Scientist Research Award from Fraunhofer Institute for Angewandte Polymerforschung Golm, Germany (2001).

She is a board member of Frontiers Chemistry - section Supramolecular Chemistry, the American Journal of Macromolecular Science of the Columbia International Publishing, member of the Society of Romanian Science. From the year 2001, she is scientific peer reviewer at international journals with high impact factor as well national and international expert evaluator.

Dr. Farcas is main author of over 70 research articles in ISI journals, 40 articles published in non ISI journals, more than 30 articles published in volumes of international conferences, 2 books on the topic of *Conjugated Polyrotaxanes*, 6 book chapters, more than 40 national and international research grants, 21 laboratory technologies with 3 of them focused on industrial applications, more than 20 invited lectures and 3 patents.