

Curriculum Vitae



AFLORI Magdalena

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Senior Scientific Researcher

"Petru Poni" Institute of Macromolecular Chemistry

Education and training

- 1991 - 1996 – physicist, Faculty of Physics, “Al.I. Cuza University“ Iasi
- 1996 - 1997 MSc in physics, Faculty of Physics, “Al.I. Cuza University“ Iasi
- 2005 - PhD in physics, Faculty of Physics, “Al.I. Cuza University“ Iasi
- 1998 - 2002 – engineer, Faculty of Automatic Control and Computer Engineering, “Gh. Asachi” University Iasi

Work experience

- PPIMC: 2006 – present, Scientific researcher, Senior researcher III, Senior researcher II
- *Member of the Scientific Council* of PPIMC
- *Director of PPIMC research project: “NON-CONVENTIONAL METHODS FOR NANOSTRUCTURING THE SURFACES OF POLYMERIC MATERIALS”*, subprogram “Physics of Polymers and Polymeric Materials”

Research stages in international institutes

- *ETH - Swiss Federal University of Technology - ETH Institute of Polymers, Zurich, Switzerland*
- *Aston University, Surface Science Research Group, Birmingham, UK, SOCRATES Scholarship*
- *Paris Sud University, Physics of gases and Plasma Laboratory, Paris, France, TEMPUS scholarship*
- *International Centre for Diffraction Data, Pennsylvania, USA, ICDD scholarship*

Scientific activity

- *over 100 oral presentations and posters on the occasion of scientific events in the country and abroad*
- *6 book chapters, 5 books*
- *over 150 articles published in scientific journals with references from the country and abroad, of which 75 listed ISI*
- *I was part of the team of 10 national projects and 4 international projects, in the implementation team, management or as project director*
- *Member of the Romanian Society of Chemistry and Physics; a International Center for Diffraction Data United States of America*
- *Guest Editor ISI listed journals: Materials, Nanomaterials*
- **Hirsch Index 16**
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