



## **Dr. Maria Spiridon**

Research Assistant

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### **Education and training:**

- **2003–2008 – Bachelor’s Diploma**, Chemical engineer, “Gheorghe Asachi” Technical University of Iași, Faculty of Chemical Engineering and Environmental Protection Iași, Section Chemical engineering
- **2008–2009 – Master’s Diploma**, “Gheorghe Asachi” Technical University of Iași, Faculty of Chemical Engineering and Environmental Protection Iași
- **2008–2011 – Doctor in Chemical engineering**, “Gheorghe Asachi” Technical University of Iași, Faculty of Chemical Engineering and Environmental Protection Iași , Thesis " Study of gas drying by adsorption on composite materials”

### **Research topics:**

Gas Adsorption, Surface Adsorption, Composite Material, Chemical Kinetics, Separation Techniques, Porous Materials, Diffusion in solutions

### **Scientific research:**

Author and co-author of 8 ISI articles, 6 BDI articles, 1 book chapter, 1 patent, 5 posters, 27 oral communications, member of 4 research grants and member of 4 grants (structural funds and other type)

### **Work experience:**

**2016 – present - Research Assistant** in Project “Partnerships for knowledge transfer in the field of polymer materials used in biomedical engineering” ID P\_40\_443, Contract no. 86/8.09.2016, SMIS 105689, cofinanced by the European Regional Development Fund by the Competitiveness Operational Programme 2014-2020, Axis 1 Research, Technological Development and Innovation in support of economic competitiveness and business development, Action 1.2.3 Knowledge Transfer Partnerships