

Denys Pavlenko

Curriculum Vitae



Personal information

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Date of birth: 24th January 1988

Profile summary

A motivated and enthusiastic engineer looking for a new challenge on the interface of chemistry and engineering. Bringing strong product development skills along with wide international education. Eager to travel and work in international environment.

Work Experience

2013-Present **Marie Skłodowska-Curie Ph.D. researcher**
University of Twente
Project: Towards a new generation of dialysis membranes: mixed matrix membranes.
Main activities: Development of a prototype artificial kidney device from the concept to animal studies level. Presentation and dissemination of the results at the national and international conferences as well as their publication in peer-reviewed journals. The project is the part of Marie Curie Initial Training Network "Bioart" (ITN Bioart), which requires international collaboration and high mobility among all the partner institutions from 4 European countries (Netherlands, France, Italy and Germany).

Education

2011-2013 **Erasmus Mundus Master in Membrane Engineering**
Interdisciplinary: Montpellier 2 University (France), University Toulouse 3 - Paul Sabatier (France), Institute of Chemical Technology (Czech Republic) & University of Twente (The Netherlands).
Thesis: Dynamics of drying of ultra-thin organic and inorganic glasses (9/10)

2009-2011 **MSc. in Chemistry**
National University of Kyiv-Mohyla Academy (Ukraine)
Thesis: Synthesis and investigation of properties of medical polyurethanes with different adhesiveness (95/100)

2005-2009 **BSc. in Chemistry**
National University of Kyiv-Mohyla Academy (Ukraine)
Thesis: Synthesis and investigation of properties of composite materials based on mixed oxides against Strontium ions (94/100)

Additional experience

2015	Summer School "Biomedical membranes and (bio)artificial organs" University of Twente (The Netherlands)
2013	Member of the ECCE 2013 organizing committee European Congress of Chemical Engineering (the Hague, the Netherlands)
2012	Summer Academy "Advanced Separation Technologies" TU Berlin (Germany)
2011	Member of the EUROMAT 2011 organizing committee European Congress on Advanced Materials (Montpellier, France)

Personal skills

Language	Ukrainian (native), Russian (fluent) and English (fluent)
Software	MS office, Photoshop, Illustrator, InDesign, ChemDraw, Origin, Aspen Plus and Un-iSim
Communication	Excellent communication and presentation skills
Interests	Digital photography, traveling and table tennis

Honours and awards

2015	Research assignment award at the BIOART summer school
2013	Marie Skłodowska-Curie fellowship
2012	DAAD scholarship
2011	Erasmus Mundus scholarship category A
2009	State fellowship for Master program
2009	Award for achievements in sport from Kyiv-Mohyla Academy
2005	State fellowship for Bachelor program
2005	Award for excellence in high school graduation

References

References are available upon the request