

Ing. Pavel Fikar

PERSONAL INFORMATION

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INTRODUCTION

M.Sc. Pavel Fikar is a doctoral student under double supervision recently working on engineering principles in cellular biology. He finished his master of engineering at the University of West Bohemia in study program Electronics and Applied informatics. He spent one semester at the Université Paris-Est, ESIEE Engineering in Paris, France, following an international master of engineering with a focus on Micro and Nano Technologies.

EDUCATION

University of West Bohemia in Pilsen, Pilsen, CZ **2012 – Present**

Université Paris-Est, ESIEE Paris, Paris, F

Ph.D., Engineering Principles in Cellular Biology

University of West Bohemia in Pilsen, Pilsen, CZ

9/2010 – 6/2012

Master of Engineering, Electronics and Applied Informatics

University of West Bohemia in Pilsen, Pilsen, CZ

9/2007 – 6/2010

Bachelor of Engineering, Electronics and Telecommunications

ACADEMIC EXPERIENCE

Université Paris-Est, ESIEE Paris, Paris, F

9/2011 – 1/2012

International Master of Engineering, ESIEE Paris, ESIEE Engineering

Micro and Nano Technologies

International stage

TEACHING EXPERIENCE

Prague Congress Center Inc., Prague, CZ

2/2009 – 4/2010

JOB TITLE: Lecturer of IT

TASK: Education of employees of Prague Congress Center in the field of Information Technologies.

INDUSTRIAL EXPERIENCE

ETD Transformers Inc., Pilsen, CZ

10/2009 – 9/2010

JOB TITLE: Designer

COMPANY PROFILE: ETD Transformers Inc. specializes in production of power transformers up to 400 MVA and voltage of 410 kV, chokes for electric tractions and power engineering, as well as in production of reactors.

TASKS: Design of 3D models of oil transformers, project documentation, network administration.

PUBLICATIONS

P. Fikar, "Standard Methods for Computer Modeling and Simulation of Live Cells Dielectrophoresis," presented at the conference of Electrical Engineering and Informatics, Nectiny, Czech Republic, November 2012.