

Website update – ESR-ER presentation template

Marie-Curie Fellow

Name: Onufrievs

First Name: Pavels

Age: 29

Nationality: Latvian

Position (ER/ESR): ER

Host institution: Vilnius University



Contract duration: 07.04.2010-02.07.2010 (the fellow plan to extend ER position in mid/August 2010 again for 3 extra months)

Short Education Background (10 lines max.)

- Riga Technical University (Latvia), Doctor of Physics in Materialphysics, “Surfaces Nanostructures of Si, Ge and SiGe Semiconductors Formed by Laser Radiation”, 2009.
- Riga Technical University (Latvia), Masters of Engineering Science in Telecommunications, “Research of Optical Losses with Nd:YAG Laser”, 2004.

Research focus and main activities carried out in the scope of the project (10 lines max.)

1. Investigation of optical, structural and photoelectrical properties of SiC surface after laser treatment.
2. Development of optical and PL techniques for monitoring carrier recombination features in heterostructures of 3C/Si, 3C/SiC and other wide band gap materials.

Publications (please specify when the publication has been issued in the scope of the MANSiC project)