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CURRICULUM VITAE

Mar. 2012

– Present

PhD in Photonics

ICFO - The Institute of Photonic Sciences

Universitat Politecnica de Catalunya, Barcelona, Spain

Supervisor: Prof. Frank Koppens & Prof. Gerasimos Konstantatos

PhD project: *Photodetection in hybrid structures of colloidal quantum dots and graphene or other two-dimensional materials.*

Sept. 2006

– Jan. 2012

Specialist in Physics (Cum Laude)

Specialization: Optics and Spectroscopy.

Lomonosov Moscow State University,

Department of Physics, Moscow, Russia

Supervisor: Dr. Elena Obraztsova

Master project: *Separation and optical diagnostics of metallic and dots and graphene or other two-dimensional materials.*

PUBLICATIONS

Nikitskiy, I. *et al.* Integrating an electrically active colloidal quantum dot photodiode with a graphene phototransistor. *Nature Commun.* 7, 11954 (2016)

Kufer, D., Nikitskiy, I., *et al.* Hybrid 2D–0D MoS₂–PbS Quantum Dot Photodetectors, *Advanced Materials*, 27, 176-180 (2015)

I.A. Nikitskiy, A.I. Chernov, E.D. Obraztsova, Sorting carbon nanotubes by density gradient ultracentrifugation, *J. Nanoelectron. Optoelectron.*, 7, 46-49, (2012)