

CURRICULUM VITAE  
**GEORGY FEDOROV**

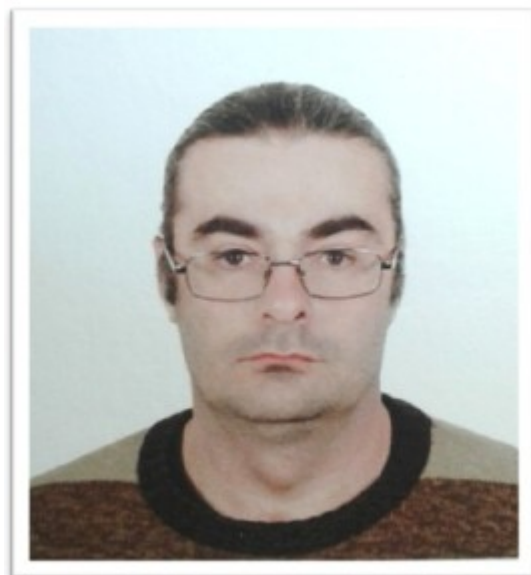
Date of birth: 17/06/1970

**EDUCATION:**

PhD degree in Condense Matter Physics (April, 2002),  
RRC «Kurchatov Institute», Moscow, Russia

Moscow Institute of Physics and Technology, Moscow,  
Russia:

MS Diploma of engineer - physicist with emphasis in  
applied physics and mathematics (1994).



**Current position:**

Senior Researcher at the NRC «Kurchatov Institute», Moscow, Russia (since 2009).

**Other affiliations:**

Senior Researcher (part time), Physics Department, Moscow State Pedagogical University, Moscow, Russia

Assistant Professor (part time), Moscow Institute of Physics and Technology (State University), Dolgoprudny, Russia

**Previous positions**

Researcher (Postdoctoral associate) at the Physics Department of the Georgetown University, Washington, DC, USA (2007-2008).

Researcher (Postdoctoral associate) at the National Laboratory of High magnetic Field, Tallahassee, FL, USA (2005-2007)

Senior researcher at the Institute for Theoretical and Applied Electromagnetism (ITAE), Russian Academy of Sciences, Moscow, Russian Federation (2004-2005).

Researcher (Postdoc) at the Laboratoire National des Champs Magnétiques Pulsés, Toulouse, France (2002 - 2004).

**Main research activities:**

My current research activities are centered at charge transport phenomena in 1D and 2D mesoscopic systems with an emphasis on in investigation of interaction of such systems with terahertz range radiation. Most of the research is being carried out at the Radio-Physics Lab at headed by Prof. Goltamsnthe MPSU. As a head of a research group since 2011 I am in charge of several projects accomplishment of which involves sample fabrication using CVD process and various nanofabrication techniques and facilities, building experimental setup, result interpretation and publication.

I am also actively participating in projects related to creation of CNT-based based interfaces between electronic and biological systems, bio-sensors supercapacitor, and field effect transistors.