



Summer International Workshop on Photovoltaics and Optoelectronics

July 7, 2017, 10 a.m., St. Petersburg,
ITMO University, Lomonosova str. 9

10.00 – 11.00 Constantin Simovski (Aalto University, Finland)	Light Trapping In Thin-Film Solar Cells: Plasmonic and Dielectric Nanostructures
11.00 – 12.00 Anvar Zakhidov (University of Texas at Dallas , USA)	Nanostructured Perovskite Optoelectronics: Progress and problems in LEDs, photovoltaics, and lasers
12.00 – 13.30	Lunch
13.30 - 14.30 Aldo Di Carlo (University of Rome Tor "Vergata", Italy)	Hybrid and Organic photovoltaics
14.30 - 15.30 Aldo Di Carlo	Hybrid and Organic photovoltaics
15.30 - 15.45	Coffee break
15.45 - 16.15 Mikhail Nestoklon (Ioffe Institute of RAS, Russia)	Optical orientation of excitons in inorganic perovskite nanocrystals
16.15 - 16.45 Sergey Makarov (ITMO University, Russia)	Resonant semiconductor nanostructures: from concepts to optical nanodevices
16.45 - 17.15 Danila Saranin (MISiS, Russia)	Ionic gating of perovskite based devices
17.15 - 17.45 Artur Ishteev (MISiS, Russia)	Review on carbon electrodes for photovoltaics and LEDs
18.00	Dinner

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