Curriculum Vitae
Ms.Valeria Kolesnikova

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About me

Date of Birth: 11 December, 1997
Place of Birth: Mariupol, Ukraine

Education

Aug. 2015 – present: IKBFU, Institute of Physics, Mathematics and Information Technology, bachelor student;

Conferences and Schools

Nov.29-30, 2018: Young Researchers in Magnetism CEMAG/IEEE (Gijon, Spain)
Oral talk:
"Influence of the magnetic field parameters on the magnetic properties of magnetostatically-coupled Fe-based microwires" Valeria Kolesnikova, Joce Carlos Martinez-Garcia, Valeria Rodionova, Montserrat Rivas

Apr. 9-13, 2018: Lomonosov-2018 (Moscow, Russia)
Oral talk:
"The effect of temperature at large plastic deformation on the magnetic properties of amorphous iron-based alloys"
Valeria Kolesnikova

Organizing work

Aug. 20-24, 2017 Svetlogorsk, Russia: IBCM_2017 International Baltic Conference on Magnetism: Focus on functionalized magnetic structures for energy and biotechnology,
Member of organizing committee.

Internships

Oct. 22 – Dec. 10, 2018: Scientific group of Dept. of Physics, the University of Oviedo (Gijon, Spain) under the supervision of Prof. Monserrat Rivas;

July 3 – Aug. 3, 2018: Scientific group of Dept. of Physics, the University of Oviedo (Gijon, Spain) under the supervision of Prof. Monserrat Rivas;

Feb. 4 – May. 28, 2018: Magnetism Department of M.V.Lomonosov Moscow State University (Moscow, Russia) under the supervision of Prof. N. Perov;

Grants

2018-2020 "Study of the volume distribution of magnetic permeability in magnetic tapes and wires " Prof. Perov N. № 18-02-00137\18. – Junior researcher.

Experience

Equipment: Vibrating Sample Magnetometer (7400 System, Lakeshore);
Differential Scanning Calorimeter (F1 Phoenix, NETZSCH);
Thermogravimetric Analyzer (F3 Tarsus, NETZSCH);
The inductive magnetometer.

Research interests

1) Magnetic properties of ferromagnetic microwires;
2) Modeling of magnetic behavior in magnetic systems;
3) FORC analysis;
4) Amorphous and partially crystallized materials.