

**Publicații la conferințe din RM - 4. Publicații peste hotare - 1.  
Publicații indexate în SCOPUS - 1.**

## **2021 - 2**

### **Modeling of the vortex dynamics in long Josephson junction**

*Ruzhitskiy Vsevolod<sup>1</sup>, Soloviev Igor I.<sup>1</sup>, Bakurskiy Sergey V.<sup>1</sup>, Klenov Nikolai V.<sup>1</sup>, Kupiyanov Mikhail<sup>1</sup>, Stolyarov V.<sup>2</sup>, Sidorenko Anatolie<sup>3,4</sup>, Roditchev Dimitri<sup>4</sup>*

<sup>1</sup> Lomonosov Moscow State University,

<sup>2</sup> Moscow Institute of Physics and Technology,

<sup>3</sup> Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu",

<sup>4</sup> Oryol State University named after I.S. Turgenev, Russia

### **IEEE 14th Workshop on Low Temperature Electronics WOLTE 2021 WOLTE 2021**

Nr. 1(61) / 2013 / ISSN 1814-3237 / ISSNNe 1857-498X

Disponibil online 3 November, 2021. Descarcări-7. Vizualizări-414

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### **Reentrant superconductivity in proximity to a topological insulator**

*Karabassov T.<sup>1</sup>, Golubov Alexander<sup>2,3</sup>, Silkin V.<sup>4,5,6</sup>, Stolyarov V.<sup>7,3</sup>, Vasenko A.<sup>3,7</sup>*

<sup>1</sup> National Research University Higher School of Economics, Moscow,

<sup>2</sup> University of Twente, Netherlands,

<sup>3</sup> Moscow Institute of Physics and Technology,

<sup>4</sup> Donostia International Physics Center,

<sup>5</sup> Centro de Física de Materiales (CSIC-UPV/EHU),

<sup>6</sup> Necunoscută, Spania,

<sup>7</sup> All-Russian Research Institute of Automatics n.a. N.L. Dukhov (VNIIA), Moscow

### **The 12th international conference on intrinsic Josephson effect and horizons of superconducting spintronics**

Nr. 1(17) / 2008 / ISSN 1857-0240 / ISSNNe 2537-6330

Disponibil online 18 March, 2022. Descarcări-0. Vizualizări-368

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## **2019 - 3**

### **Competitive 0 and $\pi$ states in S/F/S trilayers: multimode approach**

*Karabassov T.<sup>1</sup>, Stolyarov V.<sup>2</sup>, Golubov Alexander<sup>3</sup>, Silkin V.<sup>4</sup>, Bayazitov Vadim<sup>5</sup>, L'vov Boris<sup>6</sup>, Vasenko A.<sup>1</sup>*

<sup>1</sup> National Research University Higher School of Economics, Moscow,

<sup>2</sup> Moscow Institute of Physics and Technology,

<sup>3</sup> University of Twente, Netherlands,

<sup>4</sup> Donostia International Physics Center,

<sup>5</sup> Kurnakov Institute of General and Inorganic Chemistry of the RAS, Moscow ,

<sup>6</sup> National Research University Higher School of Economics, Saint-Petersburg

### **NANO- 2019: Limits of Nanoscience and Nanotechnologies**

Nr. 2(10) / 2009 / ISSN 1857-0070

Disponibil online 23 January, 2020. Descarcări-0. Vizualizări-630

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## Interplay of spin waves with the Meissner currents in ferromagnet/superconductor hybrids

*Golovchanskiy I.<sup>1,2</sup>, Abramov N.<sup>2</sup>, Stolyarov V.<sup>1,3</sup>, Ryazanov Valeriy<sup>2</sup>, Golubov Alexander<sup>2,4</sup>, Ustinov A.<sup>2</sup>*

<sup>1</sup> Moscow Institute of Physics and Technology,

<sup>2</sup> National University of Science and Technology MISiS, Moscow,

<sup>3</sup> Institute of Solid State Physics, Russian Academy of Science,

<sup>4</sup> University of Twente, Netherlands

### NANO- 2019: Limits of Nanoscience and Nanotechnologies

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## Josephson junctions and $\pi$ -loops based on MoRe/YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub>

*Faley M.<sup>1</sup>, Reith P.<sup>2</sup>, Satrya C.<sup>2</sup>, Stolyarov V.<sup>3</sup>, Folkers B.<sup>2,3</sup>, Golubov Alexander<sup>2,3</sup>, Antropov Evgheni<sup>4</sup>, Sidorenko Anatolie<sup>4</sup>, Hilgenkamp H.<sup>2</sup>, Dunin-Borkowski R.<sup>1,5</sup>*

<sup>1</sup> Peter Grünberg Institute (PGI-9), Forschungszentrum Jülich, Jülich,

<sup>2</sup> University of Twente, Netherlands,

<sup>3</sup> Moscow Institute of Physics and Technology,

<sup>4</sup> Institute of the Electronic Engineering and Nanotechnologies "D. Ghitu",

<sup>5</sup> Ernst Ruska-Centre for Microscopy and Spectroscopy with Electrons, Forschungszentrum Jülich GmbH

### NANO- 2019: Limits of Nanoscience and Nanotechnologies

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