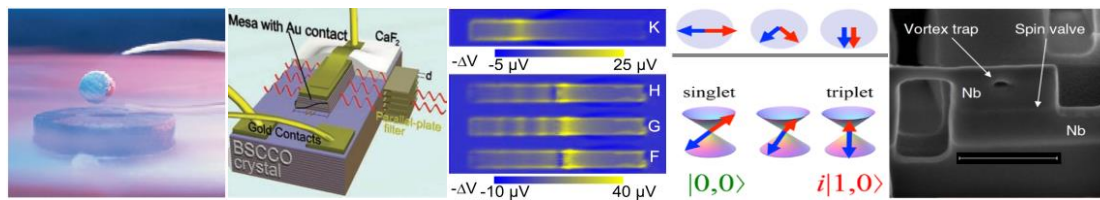




## The 12th International Conference on Intrinsic Josephson Effect and Horizons of Superconducting Spintronics

22-25 September 2021, Chisinau, Moldova

This event is supported by the European Union H2020-WIDESPREAD-05-2017-Twinning project "SPINTECH" under grant agreement Nr. 810144.



The aim of the event is to strengthen regional and interdisciplinary links between the scientists and scholars, while supporting the development of international contacts and introducing young researchers to professional and fruitful scientific work practices. The main goal of the Conference is to bring together leading experts to share their expertise and experience in developing of new ideas and principles, novel technologies and their implementations on frontiers of high-frequency superconducting electronics and spintronics.

### Main topics:

- **Physics and applications of the intrinsic Josephson effect.**
- **S/F hybrid structures and horizons of superconducting spintronics.**
- **High-frequency Josephson devices**
- **Unconventional and topological superconductivity**

### Conference format

Due to restrictions related to COVID-19 pandemics, being optimistic, we plan to organize the conference in a mixed format both in physical and virtual space. Physically it will take place in Chisinau, Moldova. Physical participants will get a regular service including coffee breaks and social activity. All presentations will be live-streamed, facilitating virtual participation.

Types of presentations: Oral (invited and regular, either physical or virtual), Poster (virtual only)

### Dates

Registration starting on January 15, 2021

Deadline for registration and 1-page Abstract Submission: July 1, 2021

Conference dates: September 22-25, 2021

### Conference venue

Institute of Electronic Engineering and Nanotechnologies, str. Academiei 3/3, Chisinau, MD2028 Moldova, and hotel KLASSIK ("Hotel Club Service", str. Kogalniceanu nr. 6, MD-2001, Chisinau).

### ***Registration***

Participants are kindly requested to visit the website of the conference regarding registration, program, as well as other necessary information, at the web page:

[http://nanotech.md/ SPINTECH-2021](http://nanotech.md/SPINTECH-2021)

### ***Accommodation***

Organizing committee provides rooms reservation for participants in the hotel KLASSIK (“Hotel Club Service”, str. Kogalniceanu nr. 6, MD-2001, Chisinau) with a special price – participant shall fill in the respective box in the registration form for that.

### ***Conference proceedings***

Proceedings of the conference will be published as a special issue of Beilstein Journal of Nanotechnology, Germany (IF=2,6 )

### ***International advisory board***

Asano Yasuhiro (Japan, Sapporo)  
Bernhard Christian (Switzerland, Fribourg)  
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Hilgenkamp Hans (Netherlands, TWENTE)  
Il'ichev Evgeni (Germany, Jena)  
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### ***Organizing Committee***

Prof. Anatolie Sidorenko, IEEN Chisinau, Moldova  
Prof. Alexander Golubov, University of Twente, The Netherlands  
Prof. Vladimir Krasnov, University of Stockholm, Sweden

### ***Local Organizing Committee***

#### **Director of the conference Prof. Sidorenko Anatolie**

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