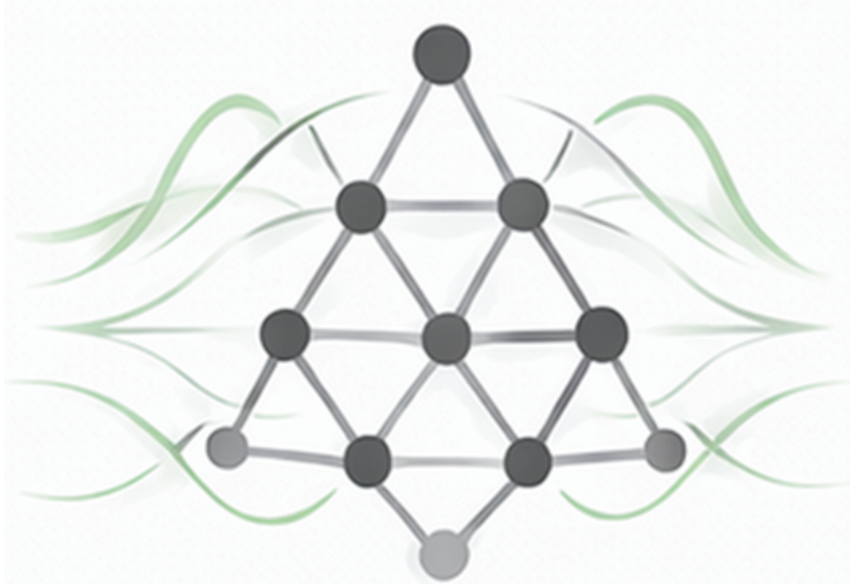


International School on Advanced Quantum Materials:



Superconducting Functional Materials for Advanced Quantum Technologies

July 13 - 17, 2026 - Porto Alegre, Brazil

Courses and Lectures:

- **Superconductivity: Fundamentals and Materials.**
- **Unconventional, Topological and High- Temperature Superconductors.**
- **Applications of Superconductivity: Devices, Quantum Computing and Energy Systems.**

Invited Speakers:

Alexander Golubov (CMN/MIPT/Russia)
Alexei Vagov (HSE/Russia)
Andrey V. Krasavin (HSE/Russia)
Arkady. A. Shanenko (HSE/Russia)
Daniel Dominguez (CAB/Argentina)
David Möckli (UFRGS/Brazil)
Durval Rodrigues Jr. (EEL-USP/Brazil)
Eduardo Granado (UNICAMP/Brazil)
Eleonir João Calegari (UFMSM/Brazil)
Evandro Vidor Lins de Mello (UFF/Brazil)
Fabiano Colauto (UFSCAR/Brazil)
Fabiano Mesquita (UFRGS/Brazil)
Guilherme Homrich (UFRGS/Brazil)
Hermann Freire (UFG/Brazil)
Irina Kuklina (ICSTE/Russia)
Irina Obukhova (MIPT/Russia)
Isaias Gonzaga de Oliveira (UFRRJ/Brazil)
Marcia Barbosa (UFRGS/Brazil)
Marcelo Azevedo Neves (UFRRJ/Brazil)
Mauro Doria (UFRJ/Brazil)
Maycon Motta (UFSCAR/Brazil)
Rafael Zadorosny (UNESP/Brazil)
Ricardo D. dos Reis (LNLS/Brazil)
Ricardo Lobo (CNRS/Sorbonne Université/France)
Sofia Favre (UDELAR/Uruguay)
Vasily Stolyarov (CMN/MIPT/Russia)
Vyacheslav D. Neverov (HSE/Russia)
Wilson Ortiz (UFSCAR/Brazil)
Yakov Kopelevich (UNICAMP/Brazil)
Yutao Xing (UFF/Brazil)

Round table:

Scientific cooperation between BRICS countries

The pursuit of knowledge on novel quantum materials is fundamental to the future of physics and emerging quantum technologies. In this context, superconductivity research plays a central role, as it enables the realization of quantum phenomena at the macroscopic scale. This school will address both fundamental and applied aspects of superconductivity.

**Registration Deadline
April, 30th, 2026**

For Students:

- **Student research poster session**
- **Financial support available**

Organizing Committee

Sergio Garcia Magalhães (IF/UFRGS)
Milton Andre Tumelero (IF/UFRGS)
Paulo Pureur (IF/UFRGS)
Sabrina Nicolodi (IF/UFRGS)
Fabiano Mesquita da Rosa (IF/UFRGS)
David Möckli (IF/UFRGS)
Vasily Stolyarov (CMN/MIPT/Russia)
Alexander Golubov (CMN/MIPT/Russia)
Alexei Vagov (HSE/Russia)
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<http://www.ufrgs.br/superschool2026>

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