

List of open JISP PhD positions

TOPIC - 1

Realistic theory of strongly correlated electron systems: DFT+DMFT approach

Supervisors

Tanusri Saha-Dasgupta (SNB), Arijit Haldar (SNB), Jeroen van den Brink (IFW), Oleg Janson (IFW)

TOPIC - 2

Experimental investigation of magnetotransport, magnetic properties, and electronic band structure in transition-metal monosilicides under the time-reversal symmetry breaking

Supervisors

Thirupathaiah Setti (SNB), Sergey Borisenko (IFW), Alexander Fedorov (IFW)

TOPIC - 3

Experimental investigation of electronic transport and electron spin resonance of magnetic van der Waals materials

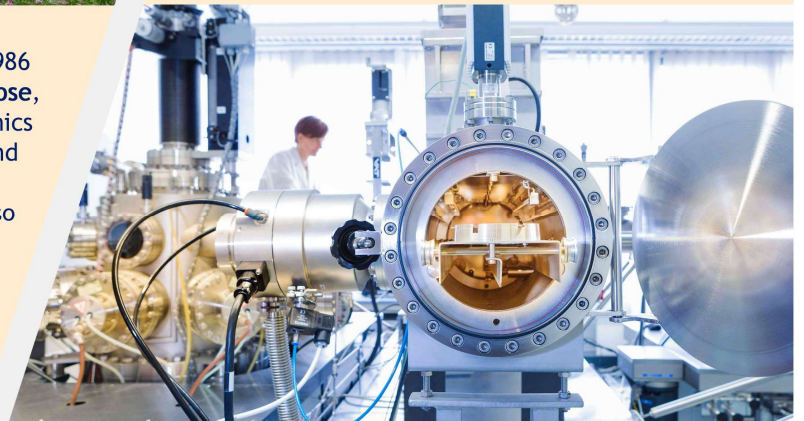
Supervisors

Atindra Nath Pal (SNB), Alexey Alfonsov (IFW), Anja Wolter (IFW)



IFW Dresden is a German non-university research institute and the largest member of the Leibniz Association, with over 500 employees. At IFW Dresden, novel materials and their potential for innovative functionalities and devices are explored in a multidisciplinary approach combining experimental and theoretical solid-state physics, chemistry, and materials science with technological development. IFW promotes the training of young scientists, with around 20 PhD degrees obtained annually, mainly in cooperation with TUD Dresden University of Technology.

SNBNCBS is an Autonomous Research Institute established under Dept. of Science and Technology, Govt. of India in 1986 to honour the life and work of Professor Satyendra Nath Bose, key figure in the development of modern Quantum Mechanics and Quantum Statistics. The Centre focuses on research and development in Basic Sciences, specifically in the area of physical, chemical sciences and related disciplines, has also made a new move to contribute in application driven basic research. The Centre is also a major hub of advanced manpower training and linkage in the crucial areas of Science and Technology. The Centre offers a residential program leading to PhD and has a vigorous Visitors and Linkage programmes.



APPLICATION PROCEDURE

Please send your detailed CV along with the choice of your research topic in the preferential order to the Nodal Officers and Dean(AP).

Dr. Thirupathaiah Setti
Nodal Officer at SNBNCBS
setti@bose.res.in

Prof. Amitabha Lahiri
Dean (AP), SNBNCBS
deanap@bose.res.in

Dr. Silvia Seiro
Nodal Officer at IFW
s.seiro@ifw-dresden.de

Last Date of Application
25th May 2024

Interview Dates
3rd - 5th of June 2024

For Detailed Eligibility Criteria,
Scan the QR Code

