

**International scientific workshop**  
**“Advanced Functional Materials for Quantum**  
**Electronics and Superconductivity’2024”**

September 19-21, 2024



**Organized By:**

- Center for Advanced Mesoscience and Nanotechnology, Moscow Institute of Physics and Technology (CMN MIPT)
- School of Physics, Beijing Institute of Technology (BIT)  
**Dolgoprudny, Russia**

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| <b>Thursday, September 19, 2024</b>            |   |
| <b>Location: Room 119, Main Building, MIPT</b> |   |
| <b>Session Chair: Prof. Alexey ALADYSHKIN</b>  |   |
| 08:30-09:15                                    | Registration.   |
| 09:15-09:30                                    | Opening Ceremony. Introduction to MIPT and CMN ( <b>Prof. Vasily STOLYAROV, Prof. Alexander GOLUBOV</b> ) |
| 09:30-09:45                                    | Introduction to BIT ( <b>Prof. Wei JIANG, Yang GAO</b> )  |
| 09:45-10:15                                    | <b>Prof. Alexander MELNIKOV</b>   |
| 10:15-10:30                                    | <b>PhD Student Mark NAUMOV</b>  |
| 10:30-11:00                                    | <b>Coffee Break &amp; Take Photos</b>   |
| 11:00-11:30                                    | <b>Prof. Peng LIU</b>   |
| 11:30-11:45                                    | <b>PhD Student Can ZHANG</b>  |
| 11:45-12:15                                    | <b>Prof. Quanzhen ZHANG</b>   |
| 12:15-12:30                                    | <b>Dr. Andrey ZHUKOV</b>  |
| 12:30-14:00                                    | <b>Lunch at MIPT Cafe</b>   |
| <b>Session Chair: Prof. Alexander MELNIKOV</b> |   |
| 14:00-14:30                                    | <b>Prof. Valter POGOSOV</b>   |
| 14:30-14:45                                    | <b>PhD Student Jingyi DUAN</b>  |
| 14:45-15:15                                    | <b>Prof. Yangguang JU</b>   |
| 15:15-15:30                                    | <b>PhD Student Pavel ABRAMOV</b>  |
| 15:30-16:00                                    | <b>Coffee Break</b>   |
| <b>Session Chair: Prof. Valter POGOSOV</b>     |   |
| 16:00-16:15                                    | <b>PhD Student Jijian LIU</b>   |
| 16:15-16:45                                    | <b>PhD Student Stepan SOTNICHUK</b>   |
| 16:45-17:00                                    | <b>PhD Student Lin JIA</b>  |
| 17:00-17:30                                    | <b>Prof. Alexander KORNEEV</b>  |
| 17:15-20:00                                    | <b>Reception (2<sup>nd</sup> floor of Concert Hall)</b>   |

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| <b>Friday, September 20, 2024</b>              |  |
| <b>Location: Room 119, Main Building, MIPT</b> |  |
| <b>Session Chair: Dr. Artem TARASOV</b>        |  |
| 09:00-09:30                                    | <b>Prof. Dmitry USACHEV</b>            |
| 09:30-09:45                                    | <b>PhD Student Lili ZHOU</b>           |
| 09:45-10:15                                    | <b>Prof. Alexander BARYSHEV</b>        |
| 10:15-10:30                                    | <b>PhD Student Alexander MELENTIEV</b> |
| 10:30-11:00                                    | <b>Coffee Break</b>                    |
| 11:00-11:30                                    | <b>Prof. Geliang YU</b>                |
| 11:30-11:45                                    | Victor KOCHETKOV                       |
| 11:45-12:15                                    | Pavel MASLOV/ Mikhail ALEKSEEV         |
| 12:15-12:30                                    | <b>COLAB.WS</b>                        |
| 12:30-14:00                                    | <b>Lunch at MIPT Cafe</b>              |
| <b>Session Chair: Prof. Dmitriy USACHEV</b>    |  |
| 14:00-14:30                                    | <b>Dr. Sergey BAKURSKIY</b>            |
| 14:30-14:45                                    | <b>PhD Student Dmitriy KALASHNIKOV</b> |
| 14:45-15:15                                    | <b>Dr. Victor SEMIN</b>                |
| 15:15-15:30                                    | <b>PhD Student Liu YANG</b>            |
| 15:30-16:00                                    | <b>Coffee Break</b>                    |
| <b>Session Chair: Prof. Alexander BARYSHEV</b> |  |
| 16:00-16:15                                    | <b>PhD Student Yaoyou CHEN</b>         |
| 16:15-16:45                                    | <b>Dr. Dmitriy ESTUNIN</b>             |
| 16:45-17:00                                    | <b>PhD Student Mengmeng NIU</b>        |
| 17:00-17:30                                    | <b>Dr. Artem TARASOV</b>               |

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| <b>Saturday, September 21, 2024</b>            |                                       |
| <b>Location: Room 119, Main Building, MIPT</b> |                                       |
| <b>Session Chair: Prof</b>                     |                                       |
| 09:00-09:30                                    | <b>Prof. Wei JIANG</b>                |
| 09:30-09:45                                    | <b>PhD Student Alexander LUKIANOV</b> |
| 09:45-10:15                                    | <b>Prof. Yu ZHANG</b>                 |
| 10:15-10:30                                    | <b>PhD Student Mu TIAN</b>            |
| 10:30-11:00                                    | <b>Coffee Break &amp; Take Photos</b> |
| 11:00-11:30                                    | <b>Prof. Lada YASHINA</b>             |
| 11:30-11:45                                    | <b>PhD Student Zichun LIU</b>         |
| 11:45-12:15                                    | <b>Prof. Denis VODOLAZOV</b>          |
| 12:15-12:30                                    | <b>PhD Student Vyacheslav NEVEROV</b> |
| 12:30-14:00                                    | <b>Lunch at MIPT Cafe</b>             |
| <b>Session Chair: Prof</b>                     |                                       |
| 14:00-14:30                                    | <b>Prof. Yuhui CHEN</b>               |
| 14:30-14:45                                    | <b>PhD Student Peng ZHU</b>           |
| 14:45-15:15                                    | <b>Prof. Aleksey VAGOV</b>            |
| 15:15-15:30                                    | <b>PhD Student Weikang DONG</b>       |
| 15:30-16:00                                    | <b>Coffee Break</b>                   |
| <b>Session Chair: Prof.</b>                    |                                       |
| 16:00-16:15                                    | <b>PhD Student Yujiu JIANG</b>        |
| 16:15-16:45                                    | <b>Dr. Arkadiy SHANENKO</b>           |

The workshop was supported by the project “Advanced functional materials for digital and quantum electronics” (No.075-15-2024-632) - Grant from the Ministry of Science and Higher education of the Russian Federation.



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