



Summer School on New Trends in Modern Quantum Science: from Novel Functional Materials to Quantum Technologies | (SMR 3877)

22 Sep 2023 - 30 Sep 2023
Outside, Uzbekistan

4 Directors

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|--|------------|--|-------------|
| 1. BEENAKKER Carlo Willem Joannes | (Online) | University of Leiden Instituut-Lorentz | Netherlands |
| 2. GEFEN Yuval | (Online) | The Weizmann Institute of Science | Israel |
| 3. KISELEV Mikhail | (In Pers.) | ICTP | Italy |
| 4. MATRASULOV Davronbek | (In Pers.) | Turin Polytechnic University in Tashkent | Uzbekistan |

21 Speakers

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|--|------------|---|--------------------|
| 1. AHARONY Amnon | (In Pers.) | Tel-Aviv University | Israel |
| 2. BANERJEE Sumilan | (In Pers.) | Department of Physics, Indian Institute of Science | India |
| 3. BLANTER Yaroslav Mikhailovich | (In Pers.) | Delft University of Technology Kavli Institute of Nanoscience | Netherlands |
| 4. BONET MONROIG Xavier | (In Pers.) | Leiden University Instituut-Lorentz | Netherlands |
| 5. BUCHLEITNER Andreas Einar Maximilian | (In Pers.) | Albert-Ludwigs University of Freiburg Institute of Physics | Germany |
| 6. BURMISTROV Sergeevich Igor | (In Pers.) | L.D. Landau Institute for Theoretical Physics | Russian Federation |
| 7. EGGER Reinhold | (In Pers.) | University of Dusseldorf | Germany |
| 8. ENTIN Ora | (In Pers.) | Tel Aviv University School of Physics and Astronomy | Israel |
| 9. FALKO Vladimir | (In Pers.) | University of Manchester | United Kingdom |
| 10. FLACH Sergej | (In Pers.) | Institute for Basic Science Center for Theoretical Physics of Complex Systems | Republic of Korea |
| 11. FRANZ Marcel | (In Pers.) | University of British Columbia Department of Physics and Astronomy | Canada |
| 12. GUTMAN Dmitri | (In Pers.) | Bar Ilan University | Israel |
| 13. HASSLER Fabian | (In Pers.) | RWTH Aachen University | Germany |
| 14. IHN Thomas Markus | (In Pers.) | ETH Honggerberg, HPF E15.1 | Switzerland |
| 15. KOHLER Sigmund Albert | (In Pers.) | Instituto de Ciencia de Materiales de Madrid (CSIC) | Spain |
| 16. KOSHINO Mikito | (In Pers.) | Osaka University | Japan |
| 17. MEIDAN Dganit | (In Pers.) | Ben Gurion University of the Negev | Israel |
| 18. MOLENKAMP Laurens Wigbolt | (Online) | Physics Institute, EP3 University of Wuerzburg | Germany |
| 19. MORA Christophe Pierre Marcel | (In Pers.) | Ecole Normale Supérieure ENS Laboratoire Pierre Aigrain | France |
| 20. SAHA Arijit | (In Pers.) | Institute of Physics | India |
| 21. VON OPPEN Felix | (In Pers.) | Freie Universitaet Berlin Dahlem Center For Complex Quantum Systems | Germany |

33 Participants

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| 1. AKRAMOV Mashrab | (In Pers.) | National University of Uzbekistan | Uzbekistan |
| 2. BARYSHNIKOV Alexandrovich Kirill | (In Pers.) | Ioffe Institute | Russian Federation |
| 3. CAÑELLAS NÚÑEZ Robert | (In Pers.) | Radboud Univeristy | Netherlands |
| 4. CHATTERJEE Pritam | (In Pers.) | Institute of Physics | India |
| 5. DJERMOUNI Mostefa | (In Pers.) | Department of Physics Computational Material Physics Laboratory (LPCM) University of Sidi Bel-Abbes | Algeria |
| 6. GALKINA Anatolevna Olga | (In Pers.) | Institute of Material Sciences SPA "Physics-Sun" the Laboratory of Multifunctional Materials | Uzbekistan |
| 7. HASDEO Hesky Eddwi | (In Pers.) | University of Luxembourg | Luxembourg |
| 8. KARMAKAR Sampurna | (In Pers.) | Indian Institute of Science Education and Research Kolkata Department of Physical Sciences | India |
| 9. KHODAEVA Uliana | (In Pers.) | TQM Technical University of Munich Department of Physics | Germany |

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| 10. | KOKOVIN Artem | (In Pers.) | Russian Academy of Sciences L.D. Landau Institute for Theoretical Physics | Russian Federation |
| 11. | KORZHIMANOV Artem | (In Pers.) | Russian Academy of Sciences (IAP RAS), Federal research center A.V. Gaponov-Grekhov Dynamics and Optics Division Department of Ultrafast Processes | Russian Federation |
| 12. | LATIF Hamid | (In Pers.) | Department of Physics Forman Christian College | Pakistan |
| 13. | LEEB Valentin Michael | (In Pers.) | Technical University of Munich Departement for Physics, Theory of quantum matter and nano physics | Germany |
| 14. | LYUBLINSKAYA Anastasia | (In Pers.) | Landau Institute for Theoretical Physics Department of Quantum Mesoscopics | Russian Federation |
| 15. | MAMATKULOV Shavkat | (In Pers.) | Institute of Material Science of AS RU | Uzbekistan |
| 16. | MARKOV Anton | (In Pers.) | Moscow State University Correlated Quatnum Systems Group | Russian Federation |
| 17. | MASHKOORI Mahdi | (In Pers.) | K. N. Toosi University | Islamic Republic of Iran |
| 18. | MATROBOV Khuramovich Mekhrob | (In Pers.) | Tajik national University Department of Nuclear Physics | Tajikistan |
| 19. | MILES Sebastian | (In Pers.) | QuTech Qubit Research Division | Netherlands |
| 20. | MUKHTAROV Adil Pozilovich | (In Pers.) | Institute of Nuclear Physics | Uzbekistan |
| 21. | NASIROV Tulkun | (In Pers.) | Islam Karimov Tashkent State Technical University Department of Laser Technologies and Optoelectronics | Uzbekistan |
| 22. | ORSTED Andreas | (In Pers.) | University of Geneva | Switzerland |
| 23. | PARFENOV Maksim | (In Pers.) | L. D. Landau Institute for Theoretical Physics | Russian Federation |
| 24. | PECHERSKAYA Mariya | (In Pers.) | Uzbekistan Academy of Sciences Institute of Materials Science | Uzbekistan |
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| 26. | RAKHMANOV Saparboy | (In Pers.) | Department of Physics Faculty of Physics and Chemistry Chirchik State Pedagogical University | Uzbekistan |
| 27. | SALVATI Fabio | (In Pers.) | Radboud University Theory of Condensed Matter Group | Netherlands |
| 28. | SEIDOV Timur | (In Pers.) | ITMO University Faculty of Physics | Russian Federation |
| 29. | SEMENOV Savva | (In Pers.) | Moscow Institute of Physics and Technology Landau Phystech School of Physics and Research | Russian Federation |
| 30. | SETIAWAN Iwan | (In Pers.) | Physics Education Departement University of Bengkulu | Indonesia |
| 31. | SMIRNOV Sergeevich Dmitry | (In Pers.) | Ioffe Institute | Russian Federation |
| 32. | SONOWAL Kabyashree | (In Pers.) | Center for Theoretical Physics of Complex Systems Institute for Basic Science (IBS) | Republic of Korea |
| 33. | URDANIZ Martia Corina | (In Pers.) | IBS Center for Quantum Nanoscience (QNS) | Republic of Korea |