

## Workshop on Number Theory and Physics | (SMR 4023)

24 Jun 2024 - 28 Jun 2024  
ICTP, Italy

### 4 Directors

|                                |            |   |         |
|--------------------------------|------------|---|---------|
| 1. GOLYSHEV Vasily             | (In Pers.) | International Centre for Theoretical Physics        | Italy   |
| 2. MAMANDUR KIDAMBI Abhiram    | (In Pers.) | Max Plank Institute for Mathematics in the Sciences | Germany |
| 3. PUTROV Pavel                | (In Pers.) | ICTP  | Italy   |
| 4. RODRIGUEZ VILLEGAS Fernando | (In Pers.) | ICTP  | Italy   |

### 15 Lecturers

|                            |            |   |  |
|----------------------------|------------|---|--|
| 1. ABDURRAHMAN Amina       | (In Pers.) | IHES  | France   |
| 2. ALEXANDROV Sergey       | (In Pers.) | Universite de Montpellier 2 Laboratoire Charles Coulomb     | France   |
| 3. ALFES Claudia           | (In Pers.) | Bielefeld University  | Germany  |
| 4. BOLBACHAN Vasilii       | (In Pers.) | The Skolkovo Institute of Science and Technology (Skoltech) | Russian Federation                                   |
| 5. BRINGMANN Kathrin       | (In Pers.) | University of Cologne Mathematical Institute                | Germany  |
| 6. BROWN Francis           | (Online)   | Oxford University   | United Kingdom of Great Britain and Northern Ireland |
| 7. CANDELAS Philip         | (In Pers.) | University of Oxford Mathematical Institute                 | United Kingdom of Great Britain and Northern Ireland |
| 8. GUGIATTI Giulia         | (In Pers.) | Univeristy of Padua   | Italy  |
| 9. KLEMM Otto Albrecht     | (In Pers.) | Physikalisches Institut der Universitaet Bonn               | Germany  |
| 10. MARKARIAN Nikita       | (In Pers.) | University of Montpellier                                   | France   |
| 11. PACETTI Ariel Martin   | (In Pers.) | University of Aveiro  | Portugal   |
| 12. RADCHENKO Danylo       | (In Pers.) | University of Lille   | France   |
| 13. TORNARÍA LÓPEZ Gonzalo | (In Pers.) | Universidad de la República                                 | Uruguay  |
| 14. VOIGHT John Michael    | (In Pers.) | Dartmouth College   | United States of America                             |
| 15. WATARI Taizan          | (In Pers.) | Kavli IPMU  | Japan  |

### 7 Speakers

|                           |            |   |                          |
|---------------------------|------------|---|--------------------------|
| 1. GOVINDARAJAN Suresh    | (In Pers.) | Indian Institute of Technology Madras Department of Physics               | India                    |
| 2. KEDLAYA Kiran Sridhara | (In Pers.) | University of California, San Diego Department of Mathematics             | United States of America |
| 3. LEE Kyu Hwan           | (In Pers.) | University of Connecticut   | United States of America |
| 4. MUSSARDO Giuseppe      | (In Pers.) | SISSA, Via Bonomea 265 34136 Trieste                                      | Italy                    |
| 5. ROBERTS David Peter    | (In Pers.) | University of Minnesota Morris Division of Science and Mathematics        | United States of America |
| 6. ROUBTSOV Vladimir      | (In Pers.) | LAREMA, UMR 6093 du CNRS Université d'Angers Département de Mathématiques | France                   |
| 7. ZAGIER Don B.          | (In Pers.) | ICTP  | Italy                    |

### 49 Participants

|                               |            |  |                    |
|-------------------------------|------------|--|--------------------|
| 1. ABDELRAOUF Asem            | (In Pers.) | SISSA  | Italy              |
| 2. BENDRISS Khalil            | (In Pers.) | University of Montpellier Laboratoire Charles Coulomb                            | France             |
| 3. BOROZENETS Nikolay         | (In Pers.) | Saint Petersburg State University Department of Mathematics and Computer Science | Russian Federation |
| 4. BRINDLE Benjamin           | (In Pers.) | Institut für Mathematik  | Germany            |
| 5. CHIAPPAROLI Paula Mercedes | (In Pers.) | Centro de Investigación y Estudios de Matemática (CIEM-CONICET)                  | Argentina          |
| 6. CHOWDHURY Abhishek         | (In Pers.) | Indian Institute of Technology (IIT), Bhubaneswar School of Basic Sciences       | India              |

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| 7.  | <b>DAS Kumar Mithun</b>                | (In Pers.) | School of Mathematical Sciences, National Institute of Science Education and Research (NISER)                  | India                              |
| 8.  | <b>DEDDO Evan Matthew</b>              | (In Pers.) | University of Michigan Leinweber Center for Theoretical Physics  | United States of America           |
| 9.  | <b>ELGUIINDY Ahmed Mostafa Ismail</b>  | (In Pers.) | Cairo University Mathematics Department  | Egypt                              |
| 10. | <b>ELMI Mohamed Abdulwahid Jama</b>    | (In Pers.) | Rutgers University   | United States of America           |
| 11. | <b>EZOME MINTSA Tony Mack Robert</b>   | (In Pers.) | Laboratoire de Recherche en Mathématiques et Applications (LAREMA)   | Gabon                              |
| 12. | <b>FURRER Elias Raphael</b>            | (In Pers.) | University of Birmingham School of Mathematics   | United Kingdom of Great Britain an |
| 13. | <b>GADDAM Navaneeth Krishna</b>        | (In Pers.) | ICTS-TIFR  | India                              |
| 14. | <b>GALLARDO NUNEZ Camillo Martín</b>   | (In Pers.) | Universidad de la República Centro de Matemática (CMat), Facultad de Ciencias                                  | Uruguay                            |
| 15. | <b>GEGELIA Nutsa</b>                   | (In Pers.) | Johannes Gutenberg-Universität Mainz   | Germany                            |
| 16. | <b>GOLFIERI MADRIAGA Franco Anibal</b> | (In Pers.) | Universidade de Aveiro   | Portugal                           |
| 17. | <b>IKEDA Kazim Ilhan</b>               | (In Pers.) | Bogazici University Department of Mathematics  | Türkiye                            |
| 18. | <b>ISRAEL VEDANA Guilherme</b>         | (In Pers.) | Instituto de Matemática Pura e Aplicada (IMPA)   | Brazil                             |
| 19. | <b>Ji Ziming</b>                       | (In Pers.) | SISSA, TPP   | Italy                              |
| 20. | <b>JOYNER Thomas Sheldon</b>           | (In Pers.) | Suffolk University Department of Mathematics and Computer Science  | United States of America           |
| 21. | <b>KURYLENKO Vadym</b>                 | (In Pers.) | SISSA  | Italy                              |
| 22. | <b>KUUSELA Pyry Rasmus</b>             | (In Pers.) | Johannes Gutenberg-Universität Mainz PRISMA+ Cluster of Excellence and Mainz Institute for Theoretical Physics | Germany                            |
| 23. | <b>LATHWOOD Michael John Samuel</b>    | (In Pers.) | University of New Hampshire Physics Department   | United States of America           |
| 24. | <b>MANIVEL Marcella Azure</b>          | (In Pers.) | University of Minnesota, Twin Cities   | United States of America           |
| 25. | <b>MAYORGA PENA Damian Kaloni</b>      | (In Pers.) | Instituto Superior Tecnico Mathematics Department  | Portugal                           |
| 26. | <b>MEHER Jaban</b>                     | (In Pers.) | National Institute of Science Education and Research (NISER) School of Mathematical Sciences                   | India                              |
| 27. | <b>MEJAIL Daniel</b>                   | (In Pers.) | Universidad de la República, Facultad de Ciencias Centro de Matematica   | Uruguay                            |
| 28. | <b>MEREB Martin</b>                    | (In Pers.) | Universidad de Buenos Aires Departamento de Matematica   | Argentina                          |
| 29. | <b>MIATELLO Roberto Jorge</b>          | (In Pers.) | Facultad de Matemática Astronomía y Física   | Argentina                          |
| 30. | <b>NAGARAJA Guru Sharan</b>            | (In Pers.) | Indian Institute of Technology Gandhinagar Department of Mathematics   | India                              |
| 31. | <b>NOCCHI Maria</b>                    | (In Pers.) | University of Oxford Mathematical Institute  | United Kingdom of Great Britain an |
| 32. | <b>PICHON Eric Paul Marc</b>           | (In Pers.) | Inria Saclay   | France                             |
| 33. | <b>PIOMBO Juan Francisco</b>           | (In Pers.) | University of Buenos Aires Department of Mathematics   | Argentina                          |
| 34. | <b>RAMA MORALES Gustavo Daniel</b>     | (In Pers.) | IMERL Facultad de Ingenieria - UdelaR  | Uruguay                            |
| 35. | <b>RAY Catherine Elizabeth</b>         | (In Pers.) | Universität Münster  | Germany                            |
| 36. | <b>SADANANDAN Akhila</b>               | (In Pers.) | Indian Institute of Technology Madras Department of Physics  | India                              |
| 37. | <b>SAHA Biswajyoti</b>                 | (In Pers.) | Indian Institute of Technology Delhi Department of Mathematics   | India                              |
| 38. | <b>SANTARA Jagannath</b>               | (In Pers.) | Indian Institute of Technology, Madras   | India                              |
| 39. | <b>SARVE Maik</b>                      | (In Pers.) | Johannes Gutenberg University of Mainz Institute of Physics (WA THEP)  | Germany                            |
| 40. | <b>SAVIN Diana Cristina</b>            | (In Pers.) | Transilvania University of Brasov Faculty of Mathematics and Computer Science                                  | Romania                            |
| 41. | <b>SMIRNOV Andrey</b>                  | (In Pers.) | University of North Carolina   | United States of America           |
| 42. | <b>SSEVVIIRI David</b>                 | (In Pers.) | Makerere University  | Uganda                             |
| 43. | <b>STEPNICZKA II Michael Thomas</b>    | (In Pers.) | Cornell University Laboratory for Elementary Particle Physic Liam McAllister Group                             | United States of America           |
| 44. | <b>SUN Kaiwen</b>                      | (In Pers.) | Korea Institute for Advanced Study   | Republic of Korea                  |
| 45. | <b>SVANBERG Eleonora Elisabeth</b>     | (In Pers.) | University of Oxford Mathematical Institute  | United Kingdom of Great Britain an |
| 46. | <b>TANG Guoping</b>                    | (In Pers.) | University of Chinese Academy of Sciences School of Mathematical Sciences                                      | China                              |

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| 47. <b>VILLAGRA TORCOMIAN Lucas</b> | (In Pers.) | Universidad Nacional de Córdoba Facultad de Matemática, Atronomía, Física y Computación | Argentina                |
| 48. <b>WANG Zhizhen</b>             | (In Pers.) | Trinity College Dublin Hamilton Mathematics Institute                                   | Ireland                  |
| 49. <b>ZHANG Zhiyu</b>              | (In Pers.) | Stanford University   | United States of America |