

DIPTARKA DAS

CONTACT

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WORK EXPERIENCE

| | |
|-------------------|---|
| since 01/2023 | Associate Professor, INDIAN INSTITUTE OF TECHNOLOGY, KANPUR <i>Department of Physics</i> |
| 11/2018 – 01/2023 | Assistant Professor, INDIAN INSTITUTE OF TECHNOLOGY, KANPUR <i>Department of Physics</i> |
| 10/2017 – 10/2018 | Junior Scientist, ALBERT EINSTEIN INSTITUTE, Potsdam |
| 09/2014 – 08/2017 | Postdoctoral Scholar, UNIVERSITY OF CALIFORNIA, SAN DIEGO |

EDUCATION

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| 08/2010 – 05/2014 | Doctorate in THEORETICAL PHYSICS, University of Kentucky <i>Thesis: "Time-dependent holography" Dissertation</i> |
| 05/2013 | Master of Science in PHYSICS, University of Kentucky |
| 05/2010 | Bachelors in ELECTRICAL & ELECTRONICS and Masters in PHYSICS, Birla Institute of Technology and Sciences, Pilani |

SELECTED GRANTS AND FELLOWSHIPS

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| 2024 – 2027 | PK Kelkar Fellowship, IIT-Kanpur |
| 2019 – 2024 | Head of Max Planck India Partner Group, Max Planck Institute |
| 2019 – 2022 | MATRICES Grant, Science and Engineering Research Board, India |
| 2014 | Graduate Fellowship, Kavli Institute for Theoretical Physics |

RESEARCH HIGHLIGHTS

- Published 31 papers , complete list: [arXiv](#)
- Supervising doctoral and masters students: thesis of Dr. Bidyut Dey [here](#)

SELECTED TEACHING

- Classical Dynamics (PHY112, 2023-24)
- Introduction to Conformal Field Theory (PHY652, 2023) | [Course Page](#)
- Quantum Dynamics (PHY690K, 2021) | [Lectures](#)
- Mathematical Methods II (PHY422A, 2019-20) | [Course Page](#)
- Mathematical Methods I (PHY421A, 2019-21)