

# Curriculum Vitae

**Name** Diptarka Das  
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**Citizenship** Indian

## Research Interests

Conformal field theories, Non-equilibrium physics, String theory, Gauge/gravity duality, Strongly correlated systems.

## Employment

- Assistant Professor at the Department of Physics, Indian Institute of Technology, Kanpur, November 2018 - current.
- Junior Scientist in Albert Einstein Institute - Max Planck Institute for Gravitationsphysik, Potsdam, October 2017 - October 2018.
- Postdoctoral scholar in Department of Physics, University of California, San Diego, September 2014 - August 2017.

## Education

- Completed PhD from Department of Physics and Astronomy, University of Kentucky, Lexington August 2010 - May 2014.
- B.E. in Electrical and Electronics from Birla Institute of Technology and Sciences, Pilani.(completed in May, 2010).
- M.Sc. (Integrated) in Physics from Birla Institute of Technology and Sciences, Pilani.(completed in May, 2010).

## Achievements and Awards

- Publications at [https://arxiv.org/a/das\\_d\\_1.html](https://arxiv.org/a/das_d_1.html).
- Graduate Fellow at Kavli Institute for Theoretical Physics, Santa Barbara, USA, Spring 2014.
- Max Steckler Fellowship, University of Kentucky (2010).
- Awarded the best “*Academic Achiever*”, of the batch from BITS Physics Society (2009).
- Indian Academy of Sciences, summer fellowship, (2008).

## Teaching experience

- Grader for Graduate-level Quantum Field Theory (Fall 2011, Spring 2012) and Quantum Mechanics (Fall 2011) in University of Kentucky.
- Teaching Assistant for undergraduate physics courses and laboratories, PHY-231 (2012-13), PHY-242 (2010-11) in University of Kentucky.
- Taught course on Holography for graduate students in IMPRS programme, Max Planck, Potsdam (2017).
- Delivered a pedagogical review lecture on topics in conformal field theory at the IMPRS excursion for Max Planck, Potsdam, graduate students in Bollmannsruh (2018).

## Research activities

- Active member of SPOCK and Great Lakes String Theory, USA meetings 2010-2013, Southern California String Seminars 2014-2017.
- Active participation and research presentation in various workshops and conferences throughout Europe 2017-2018, including Eurostrings 2018, Galilio Institute, Florence; CERN, Geneva; DESY, Hamburg; MITP, Mainz; Polish strings 2018, Warsaw.
- Co-organized scientific workshops for the independent research group at MPI, Golm, 2017-2018.