

# DIPTARKA DAS

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Kalyani, India | 16 December 1986  
ADDRESS: RM-602, IIT Kanpur, Kanpur, 208016, U.P., India  
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## WORK EXPERIENCE

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*Current*  
NOV 2018 | Assistant Professor at INDIAN INSTITUTE OF TECHNOLOGY, Kanpur  
*Department of Physics*

OCT 2017 - SEP 2018 | Junior Scientist at ALBERT EINSTEIN INSTITUTE - MAX PLANCK INSTITUTE FOR GRAVITATIONSPHYSIK, Potsdam

SEP 2014 - AUG 2017 | Postdoctoral Scholar at UNIVERSITY OF CALIFORNIA, SAN DIEGO, California

## EDUCATION

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AUG 2010 - MAY 2014 | Doctorate in THEORETICAL PHYSICS, **University of Kentucky**, Lexington  
Thesis: "Time-dependent holography" : | [Dissertation](#)

MAY 2010 | Bachelors in engineering in ELECTRICAL & ELECTRONICS  
**Birla Institute of Technology and Sciences**, Pilani

MAY 2010 | Masters in Science in PHYSICS  
**Birla Institute of Technology and Sciences**, Pilani

## ACHIEVEMENTS AND AWARDS

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2019-2022 Max Planck Partner Group Grant (€ 60,000)

2014 Graduate Fellow at Kavli Institute for Theoretical Physics, Santa Barbara, USA

2010 Max Steckler Fellowship, University of Kentucky

2008 Indian Academy of Sciences, summer fellowship

## RESEARCH AND TEACHING ACTIVITIES

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**TEACHING**

- Taught Mathematical Methods -I, II (PHY-421, 422) at IIT Kanpur, (2018-19) : [phy422](#)
- Reviewed conformal field theory at the IMPRS excursion, Bollmannsrueh (2018).
- Taught Holography for graduate students in IMPRS programme, MPI, Potsdam (2017): [webpage](#)
- Teaching Assistant, undergraduate physics courses and laboratories, PHY-231 (2012-13), PHY-242 (2010-11), Grader for Graduate-level Quantum Field Theory and Quantum Mechanics (2011-13) University of Kentucky.

### RESEARCH

2018-19 Active participation and invited research presentations in various workshops and conferences: IIT Ropar, CERN Geneva, TIFR Bombay, IOP Bhubaneswar, GGI Florence, Lorentz Centre, Leiden, Eurostrings.

2014-17 Active member of SPOCK, Great Lakes String Theory, USA, Southern California String Seminars.

**Publications** Author of 19 research articles. 17 published in international peer reviewed journals. See [https://arxiv.org/a/das\\_d\\_1.html](https://arxiv.org/a/das_d_1.html) for a complete listing

**Workshops** Co-organized, Gauge Theories, Scattering and the Torus, meeting at IIT Kanpur (2019): [webpage](#)  
Co-organized workshops at GQFI, MPI, Golm (2017-18) : [workshop-I](#), [workshop-II](#)

**Refereeing** Reviewed scientific articles for JHEP, EPJB, and GERG (2018-19).