

Sunando Kumar Patra

Curriculum Vitae

- NAME: Sunando Kumar Patra.
- PRESENT POSITION: Ph.D. Student
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- DATE OF BIRTH: March 11, 1984 (Age: 28+)
- NATIONALITY: Indian.
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- ADDRESS OF CORRESPONDENCE: Same as Permanent Address.
- EDUCATIONAL QUALIFICATION:
 1. *Higher Secondary*:
 - Year: 2002
 - Board: West Bengal Council Of Higher Secondary Education(WBCHSE)
 - Subjects Studied: Physics, Chemistry, Mathematics, Biology
 - Percentage of Marks: 90.40%
 2. *B.Sc*:
 - Year: 2005
 - University: Jadavpur University
 - Subjects: Physics(Hons.), Chemistry, Mathematics, Comp. Science.
 - Percentage of Marks: 70.67%
 3. *M.Sc*:
 - Year: 2007
 - University: Jadavpur University
 - Subject: Physics
 - Percentage of Marks: 76.75%
- DETAILS OF PH.D:
 - Likely Date of Submission of Thesis: By the end of June, 2013.
 - University where Thesis is to be submitted: University of Calcutta.
 - Title of the Ph.D. Thesis: “A Study of CPT Violation in B Systems”
 - Supervisor: Prof. Anirban Kundu
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– **Synopsis of Thesis:** (Added as a separate section below)

• **List of Publications:**

1. ‘*Probing CPT Violation in B Systems*’
Anirban Kundu, Soumitra Nandi and Sunando Kumar Patra
Physical Review D **81**, 076010 (2010)
2. ‘*Reconciling Anomalous Measurements in $B_s - \bar{B}_s$ Mixing: the Role of CPT Conserving and CPT Violating New Physics*’
Amol Dighe, Diptimoy Ghosh, Anirban Kundu and Sunando Kumar Patra
Physical Review D **84**, 056008 (2011)
3. ‘ *$B_s \rightarrow D_s K$ As a Probe of CPT Violation*’
Anirban Kundu, Soumitra Nandi, Sunando Kumar Patra, and Amarjit Soni
arXiv:1209.6063v2 [hep-ph] (Scheduled to publish in next issue of *Physical Review D*)