



AMIT PATHAK

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EDUCATION

Doctoral Researcher <i>Nuclear and Particle Physics</i> <i>High Energy Physics</i> Chung-ang University	Sep. 2024 – Seoul, South Korea
Pre-Doctoral Researcher <i>Nuclear and Particle Physics</i> <i>High Energy Physics</i> Institute of High Energy Physics Chinese Academy of Sciences	Sep. 2018 – June 2023 Beijing, China
Master of Science <i>Applied Physics</i> B.B. Ambedkar University	July. 2012 – July 2014 Lucknow, India
Bachelor of Science <i>Physics and Mathematics</i> University of Lucknow	Aug. 2009 – June 2012 Lucknow, India

PROJECTS

A Review report on India Based Neutrino Observatory <i>Supervised by Dr. Ramesh Chandra</i> B.B. Ambedkar University	April 2014
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ACADEMIC WORKSHOPS, CONFERENCES AND SCHOOLS

Contribution talk in International Conference on the Structure of Baryons Baryons 2025, ICC, Jeju, South Korea	10-14 November, 2025
Oral talk in The Korean Physical Society(KPS) Spring Meeting 2025 DCC, Daejeon, South Korea	23-25 April, 2025
Invited talk in Vietnam Flavour Physics Conference 2022 ICISE, Quy Nhon, Vietnam	14-20 August, 2022
Virtual School on Flavor Structure of the Standard Model Online Mode	31 August-12 September, 2021
The 2019 Weihai High-Energy Physics School (WHEPS) Weihai, Shandong, China	21-28 August, 2019
The International School on Charged Lepton Flavor Violation (CLFV) IHEP, Beijing, China	3-7 June 2019
Workshop on New Physics Searches at BESIII USTC, Hefei, China	24-26 May 2019
BESIII New Physics Symposium USC, Hengyang, China	15-17 October, 2018
Outreach Activity at Inter University Accelerator Centre <i>by Prof. R.G. Sonkawade</i> IUAC, New Delhi, India	21-23 July 2014

AWARDS

- CAYSS scholarship** July, 2024
Awarded by Chung-ang University for graduate studies in Chung-ang University, Seoul, South Korea
- APCTP Travel Grant of USD 800** August, 2022
Awarded by Asia Pacific Centre of Theoretical Physics (APCTP) to attend the VFPC in Vietnam
- Chinese Government Bilateral Scholarship** August, 2016
Awarded by China Scholarship Council (CSC) with Government of India for pursuing PhD in China

SKILLS

Languages: Hindi (Native), English (A1), Chinese (beginner)
Programming: C, C++, ROOT Data Analysis Framework, Python (NumPy, SciPy, Matplotlib, Pandas), Python, Shell, Mathematica
Machine Learning: Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow
Document Creation: LaTeX, Microsoft Office Suite

REFERENCES

- Prof. SooKyung Choi:** Chung-Ang University, Seoul, Republic of Korea
sookyung@gmail.com
- Prof. Haibo Li:** Institute of High Energy Physics Chinese Academy of Sciences, Beijing, P.R. China
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- Prof. Minggang Zhao:** Nankai University, Tianjin, P.R. China
zhaomg@nankai.edu.cn
<https://physics.nankai.edu.cn/wlxyen/2017/1115/c7773a81845/page.htm>
- Prof. Weimin Song:** Jilin University, Changchun, Jilin, P.R. China
weiminsong@jlu.edu.cn
- Prof. Rajendra Girjappa Sonkawade:** Department of Physics, Shivaji University, Kolhapur-416 004 (Maharashtra), India
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