



AMIT PATHAK

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EDUCATION

Doctoral Researcher | Nuclear and Particle Physics | High Energy Physics

Chung-ang University

Sep. 2024 –

Seoul, South Korea

Pre-Doctoral Researcher | Nuclear and Particle Physics | High Energy Physics

Institute of High Energy Physics Chinese Academy of Sciences

Sep. 2018 – June 2023

Beijing, China

Master of Science | Applied Physics

B.B. Ambedkar University

July. 2012 – July 2014

Lucknow, India

Bachelor of Science | Physics and Mathematics

University of Lucknow

Aug. 2009 – June 2012

Lucknow, India

PROJECTS

A Review report on India Based Neutrino Observatory | Supervised by Dr. Ramesh Chandra

April 2014

B.B. Ambedkar University

ACADEMIC WORKSHOPS, CONFERENCES AND SCHOOLS

Contribution talk in International Conference on the Structure of Baryons

10-14 November, 2025

Baryons 2025, ICC, Jeju, South Korea

Oral talk in The Korean Physical Society(KPS) Spring Meeting 2025

23-25 April, 2025

DCC, Daejeon, South Korea

Invited talk in Vietnam Flavour Physics Conference 2022

14-20 August, 2022

ICISE, Quy Nhon, Vietnam

Virtual School on Flavor Structure of the Standard Model

31 August-12 September, 2021

Online Mode

The 2019 Weihai High-Energy Physics School (WHEPS)

21-28 August, 2019

Weihai, Shandong, China

The International School on Charged Lepton Flavor Violation (CLFV)

3-7 June 2019

IHEP, Beijing, China

Workshop on New Physics Searches at BESIII

24-26 May 2019

USTC, Hefei, China

BESIII New Physics Symposium

15-17 October, 2018

USC, Hengyang, China

Outreach Activity at Inter University Accelerator Centre | by Prof. R.G. Sonkawade

21-23 July 2014

IUAC, New Delhi, India

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

soookyung@gmail.com

Prof. Haibo Li: Institute of High Energy Physics Chinese Academy of Sciences, Beijing, P.R. China

lihb@ihep.ac.cn

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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