

Chun SHEN

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EDUCATION

- | | | |
|-----------|---|--|
| 2009~2014 | Doctor of Philosophy
The Ohio State University
Graduation date: Aug. 10, 2014
Thesis Title: The standard model for relativistic heavy-ion collisions and electromagnetic tomography | GPA: 3.99/4.0
Major: Theoretical Physics
Advisor: Prof. Ulrich Heinz |
| 2005~2009 | Bachelor of Science
Shanghai Jiao Tong University
Graduation date: June 30, 2009
Thesis Title: Nuclear Surface Property and Its Isospin Dependence | GPA: 3.86/4.0
Major: Applied Physics
Advisor: Prof. Lie-wen Chen |

PROFESSIONAL EXPERIENCE

- Associate Professor(with tenure) *Wayne State University* 2023~present
- Assistant Professor *Wayne State University* 2018~2023
- Research Fellow *RIKEN BNL Research Center* 2018~2023
- Adjunct Professor *The Ohio State University* 2018~present
- Goldhaber Fellow *Brookhaven National Laboratory* 2016~2018
- Postdoctoral Fellow *McGill University* 2014~2016
- Research Assistant *The Ohio State University* 2011~2014
- Teaching & Research Assistant *The Ohio State University* 2010~2011
- Research Assistant *The Ohio State University* 2009~2010

ACADEMIC AWARDS

- Outstanding Junior Faculty Award *Wayne State University* 2023.06
- Sultana N Nahar Prize for Distinction in Research in Physics and Astronomy 2023.06
Wayne State University Department of Physics and Astronomy
- IUPAP Young Scientist Prize in Nuclear Physics 2019.02
International Union of Pure and Applied Physics
— Citation: "For his groundbreaking contributions to the field of high energy nuclear physics, and in particular his development of a comprehensive code package dynamically simulating all stages of relativistic heavy-ion collisions of importance for the investigation of strongly-coupled quark-gluon plasmas."
- Goldhaber Fellow *Brookhaven National Laboratory* 2016.04
— The most prestigious postdoc fellowship offered by Brookhaven National Laboratory, which is awarded to candidates with exceptional talent and credentials who have a strong desire for independent research at the frontiers of their fields.
- J. Robert Oppenheimer Fellow (declined) *Los Alamos National Laboratory* 2016.01
- APS Dissertation Award in Nuclear Physics *American Physics Society* 2015.10

— Citation: "For his successful prediction of anisotropic flow in Pb+Pb collisions at the LHC, his elucidation of the 'direct photon flow puzzle', and his contributions to the development of a computational tool of viscous fluid dynamics enabling precision studies of relativistic heavy-ion collisions."

- Honorable mention in the 2015 RHIC and AGS Thesis Award competition 2015.06
- Chinese National Award for Outstanding Ph.D. Students Abroad 2014.01
— This prestigious award recognizes top Chinese Ph.D. students *across all fields of study* around the world who study abroad without receiving financial support from the Chinese government
- Elizabeth Clay Howald Presidential Fellowship *The Ohio State University* 2013~2014
— This prestigious award recognizes outstanding scholarship and research ability at The Ohio State University *across all fields of study*, and provides recipients the opportunity to devote full time to the dissertation research
— One of the only two recipients awarded such a named Presidential Fellowship in 2012 Fall
- Outstanding Academic papers by students (OAPS) *Shanghai Jiao Tong University* 2009
- Excellent Academic Scholarship 3rd-class *Shanghai Jiao Tong University* 2007-2008
- Excellent Academic Scholarship special *Shanghai Jiao Tong University* 2006-2007
- Excellent Tri-A Student Scholarship *Shanghai Jiao Tong University* 2006-2007
- Excellent Academic Scholarship 3rd-class *Shanghai Jiao Tong University* 2005-2006

AWARD RESEARCH FUNDING

- DoE Artificial Intelligence and Machine Learning in Nuclear Physics (co-PI), "New approaches to Bayesian uncertainty quantification for Nuclear Science," 2023-2025
- DoE Early Career Award (PI), "Quantitative Characterization of Quark-Gluon Plasma Properties with Dynamical Fluctuations and Small Systems," 2021-2026
- NSF PHY Grant (PI), "Quantitative Characterization of Quark-Gluon Plasma Properties with Dynamical Fluctuations," 2020-2021
- NSF CSSI Grant (co-PI), "Frameworks: X-Ion Collisions with a Statistically and Computationally Advanced Program Envelop (X-SCAPE)," 2020-2024

PUBLICATIONS

155 scientific papers with **7914** citations h_{HEP} index: **44**¹; **8702** citations h -index: **45**²
Citation Statistics highlight¹: 250+: 7 paper; 100-249: 19 papers; 50-99: 14 papers;

COMMUNITY SERVICE

- Peer review referee
 - ▶ Physical Review Letters
 - ▶ Physics Letter B
 - ▶ Physical Review C
 - ▶ Physical Review D
 - ▶ Journal of Physics G
 - ▶ European Physical Journal A
 - ▶ Nuclear Physics A
 - ▶ Physica Scripta
 - ▶ Chinese Physics C
 - ▶ Universe

¹ from INSPIRE, <http://inspirehep.net/author/profile/Chun.Shen.1> (10/20/2023)

² from Google Scholar, <https://scholar.google.ca/citations?user=HEtbL2UAAAAJ&hl=en> (10/20/2023)

- Conference/summer school organized
 - ▶ JETSCAPE Online Summer school 2022, July 25 - Aug. 5, 2022, <https://indico.cern.ch/event/1162218/>
 - ▶ RIKEN RBRC workshop on “Physics Opportunities from the RHIC Isobar Run”, Online, Jan. 25-28, 2022, <https://www.bnl.gov/porir2022/>
 - ▶ Lecturer for 75th SUSSP and 20th STFC Summer School in Nuclear Physics and its Applications, University of St Andrews, Scotland, UK, Aug. 5-17, 2019, <https://sites.google.com/a/york.ac.uk/uknpss2019>
 - ▶ Co-organizer of symposium on Jet and Electromagnetic Tomography of Dense Matter, McGill University, Canada, June 26-27, 2015 <http://www.physics.mcgill.ca/jet15/>
 - ▶ Co-organizer of Hard Probes 2015 Summer School, McGill University, Canada, June 27-28, 2015 <http://www.physics.mcgill.ca/hp2015-ss/>