Dr. Jinfeng Liao

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Education and Training:

Ph.D (2008): Theoretical Nuclear Physics, Stony Brook University
MS (2004) & BS (2001): Physics, Tsinghua University

Research and Professional Experience:

2021–present: Professor of Physics, Indiana University
2017–2021: Associate Professor of Physics, Indiana University
2011–2017: Assistant Professor of Physics, Indiana University
2010–2011: Research Associate, Brookhaven National Lab
2008–2010: Postdoctoral Fellow, Lawrence Berkeley National Lab

Honors:

- "Faculty Early Career Development (**CAREER**)" **Award** by NSF
- RIKEN Fellow, RIKEN-BNL Research Center (2011-2016)
- "Individual Research Award" by IU Institute for Advanced Study
- Max Dresden Prize (2009) and Di Tian Prize (2006), by Physics Department of Stony Brook University
- Distinguished Graduate (Master, 2004), by Tsinghua University
- Refereeing Excellence: honored by European Physical Journal (2014) and by Nuclear Physics A (2012 & 2010)

Synergistic Activities:

- Proposal Reviewer/Panelist for the U.S. NSF, the U.S. DOE as well as for funding agencies of Netherlands and of Canada
- Editorial Board Member of Chinese Physics C (since 2016)
- Referee for: Phys. Rev. Lett., Phys. Rev. C & D, Phys. Lett. B, Nucl. Phys. A, JHEP, Euro. Phys. Jour. A & C, Int. Jour. Mod. Phys. E, Jour. Phys. G, Chin. Phys. Lett, Chin. Phys. C, Prog. Theo. Exp. Phys., Rept. Prog. Phys, Classical & Quantum Gravity
- Co-chair/Co-Organizer/Convener for 20 conferences/workshops
- Member of International Advisory Committee for the conference series "Chirality 2018, 2019, 2021,2023" and "QPT 2019, 2021".

– Convener of the CME Working Group of the Beam Energy Scan Theory (BEST) Collaboration (2017-2021).

Presentations:

- **Colloquia** at UIC, BNL, Tsinghua Univ, IUB, Purdue Univ, Fudan Univ, Texas A&M Univ, Sun Yat-Sen Univ, UCLA, OSU, ASU as well as NCSU.
- **Invited Lectures** at summer schools (CCNU 2017, Tokyo 2017, Fudan University 2014, Berkeley 2014, Peking University 2013)
- **Plenary Talks** at QM2019 & QM2015, IS2019, XQCD2019, ATHIC2021 & 2018 & ATHIC2014, GHP2017, SQM2016, CPOD2013, etc; **Invited Talks** at Chirality 2019/2018/2017, IHIC2018, APS April 2022, APS DNP 2016/2014/2013, Chiral Matter & Topology 2018/2016, QWG2022, INT Programs/Workshops, Simons Center Workshops, RBRC Workshops, ECT* Workshops, KITPC Workshop, etc.
- Many other invited talks, seminars, as well as several contributed talks at major conferences.

Publications:
I am the author or co-author of over **120 research papers** in the broad area of theoretical nuclear physics. These papers have accumulated (as of Jan. 2023) **a total citation of 5600 with an H-index of 40** according to the inSPIRE HEP database (or 6200 with an H-index of 41 according to Google Scholar).

Teaching/Mentoring:
I have taught a variety of undergraduate and graduate courses, including:

- Undergraduate general education course "General Physics I"
- Undergraduate physics major course "Analytic Mechanics I & II"
- Graduate courses "Subatomic Physics" and "Quantum Field Theory"

I have mentored 8 PhD students, 7 undergraduate students as well as 4 postdocs for research.

[last updated: Jan 2023]