

EVAN D. CRAFT

Yale University
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EDUCATION

2021–	Ph.D., Yale University , Particle Theory Advisor: Ian Moulton, Expected June 2026
2016–2019	A.B., Dartmouth College , Mathematics & Physics

PROFESSIONAL EXPERIENCE

2021	Yale University, Wright Laboratory Research Assistant on ALICE (Advisor: Helen Caines)
2020–2021	Harvard University, Department of Physics Research Assistant on ATLAS (Advisor: Melissa Franklin)

RESEARCH INTERESTS

Jet Substructure, Color Confinement, Heavy Flavor, & Hadronization

HONORS AND AWARDS

2024	Accepted to TASI Summer School
2022	Graduate Student Poster Prize, Yale University Poster Entitled: <i>An Introduction to Nuclear and Particle Physics</i>
2022	Honors in Graduate Research, Yale University <i>Awarded for Nuclear Physics Research</i>
2021	Honors in Graduate Coursework, Yale University <i>Awarded in Advanced Classical Mechanics</i>
2016–2019	Two Academic Citations for Meritorious Performance, Dartmouth College <i>Awarded in Particle Physics and separately in Statistical Physics</i>

PUBLICATIONS

- [2] [E. Craft](#), M. Gonzalez, K. Lee, B. Meçaj, I. Moulton. *The $1 \rightarrow 3$ Massive Splitting Functions from QCD Factorization and SCET*, arXiv:2310.06736 (2023).
- [1] [E. Craft](#), K. Lee, B. Meçaj, I. Moulton. *Beautiful and Charming Energy Correlators*, arXiv:2210.09311 (2022).

TEACHING EXPERIENCE

	Teaching Fellow, Yale University
Fall 2024	Phys 440: Quantum Mechanics I
Spr. 2024	Phys 441: Quantum Mechanics II
Fall 2023	Phys 609: Graduate Quantum Field Theory I
Spr. 2023	Phys 512: Graduate Statistical Physics I
Fall 2022	Phys 609: Graduate Quantum Field Theory I
Spr. 2022	Phys 181: University Physics II: Electricity and Magnetism
Fall 2021	Phys 180: University Physics I: Classical Mechanics
	Teaching Fellow, Dartmouth College
Spr. 2018	Phys 3: General Physics II: Electricity and Magnetism

TALKS AND SEMINARS

2024	Univ. of Genoa, BOOST , Genoa, Italy
2024	Heidelberg Theory Seminar , Heidelberg, Germany
2024	MITP Theory Seminar , Mainz, Germany
2023	UC Berkeley, BOOST , Berkeley, CA
2022	Yale University, WIDG Seminar , New Haven, CT

SYNERGISTIC ACTIVITIES

Su. 2023–	Yale Physics Bootcamp for Incoming Graduate Students Instructor for Classical Mechanics
2022–	Yale Mentorship for Minority Students in STEM (YMMSS) Aaron Chizhik, undergraduate physics major, Yale
Su. 2022	Co-Led "What's Inside the Proton" Nuclear Structure Workshop Yale Pathways to Science: Summer Scholars Program, K-12

PROFESSIONAL AND ACADEMIC REFERENCES

Prof. Ian Moulton

Yale University, Department of Physics
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Prof. Helen Caines

Yale University, Wright Laboratory
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Prof. Melissa Franklin

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