

Justin C. Feng

Curriculum Vitae

Instituto Superior Técnico
Departamento de Física / CENTRA
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Education

The University of Texas at Austin	AUSTIN, TEXAS
Doctor of Philosophy in Physics	2009 – 2017
Advisor: Richard A. Matzner	
The University of California, Irvine	IRVINE, CALIFORNIA
Bachelor of Science in Physics with a minor in Mathematics (2009)	2004 – 2009
Honors: <i>Sigma Pi Sigma</i>	

Appointments Held

Postdoctoral Researcher (Current)
CENTRA, Instituto Superior Técnico (University of Lisbon)

Adjunct Faculty (Fall 2018)
St. Edward's University

Research Affiliate Postdoctoral Scholar (2017-2018)
Weinberg Theory Group, The University of Texas at Austin

Assistant Instructor (2011-2017)
The University of Texas at Austin

Graduate Research Assistant (Summers 2016, 2017)
Weinberg Theory Group, The University of Texas at Austin

Teaching Assistant (2009-2011, Spring 2015)
The University of Texas at Austin

Undergraduate Research Assistant (Summers 2007, 2008)
University of California, Irvine

Conferences and Talks

Conferences, Workshops, and Schools

- Participant: XXIX Astronomy and Astrophysics National Meeting (ENAA), September 2019, Lisbon Portugal.
- Presenter: GR22/Amaldi13, July 2019, Valencia, Spain
Title: *Can solutions of the almost-Killing equation yield approximate Killing vectors?*
- Participant: SIGRAV Graduate School, XI Edition, "Gravity and the Quantum", June 2014, Como, Italy.
- Participant: 27th Texas Symposium on Relativistic Astrophysics, December 2013, Dallas, TX.
- Presenter: 7th Gulf Coast Gravity Meeting, April 2013, University of Mississippi, Oxford MS.
Title: *Rigid Surfaces in General Relativity*
- Participant: 6th Gulf Coast Gravity Meeting, May 2011, Florida Atlantic University, Boca Raton, FL.
- Participant: Experimental Search for Quantum Gravity Workshop, July 2010, NORDITA, Stockholm, Sweden
- Poster: APS April Meeting, Denver, CO (2009)
Title: *Modeling Inflation with CMB and 21 cm Anisotropy Measurements*

Seminars and Public Talks

- CENTRA seminar chair (Fall 2019 to Spring 2020)

- Seminar Talk: University of Lisbon
Title: *New Class of Generalized Coupling Theories* (Given November 13th, 2019)
 - Seminar Talk: CENTRA, Instituto Superior Técnico (University of Lisbon)
Title: *Weiss Variation in General Relativity* (Given May 16th, 2019)
 - Seminar Talk: Okinawa Institute for Science and Technology
Title: *Temporal Insights from the End of Space* (Given November 14th, 2017)
 - PhD Defense: *Temporal Insights from the End of Space* (Given August 15th, 2017)
 - Participant: Whizkey Seminar (2011-2015)
 - Participant: Differential Geometry Seminar, led by Prof. Larry Shepley, Summer 2011
 - Public Qualifier Talk: *Variations of Area in Geometrodynamics* (Given November 17th, 2011)
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Publications and Works

Articles

Dissertation

Feng, Justin C., *Temporal Insights from the End of Space* (2017)

Notes

Feng, J. C., *The Poor Man's Introduction to Tensors*, 40 pages (2017)
(https://justincfeng.github.io/Tensors_Poor_Man.pdf)
