

# Christopher A. Rosen

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## EDUCATION

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### University of Colorado, Boulder

Ph.D in Theoretical Physics	May 2012
B.A. in Physics, Mathematics minor, <i>Summa Cum Laude</i>	May 2006
Certificate in Secondary Science Education	December 2006

## POSITIONS

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### Crete Center for Theoretical Physics

Postdoctoral Fellow	2012-Now
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## RESEARCH

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### String Theory

Gauge/Gravity duality and its applications to strongly coupled systems	2008-Now
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### Heavy Ion Physics

Jet modification and resonance decays in hot nuclear matter	2005-2008
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### Physics Education

Tutorials, conceptual questions, and pre-assessments for physics learners	2004
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## WORKSHOPS

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### Recent Talks

*Quantum Field Theory, String Theory and Condensed Matter Physics—Kolymbari*

Fermi Surface Physics in ABJM Theory	2014
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*HoloGrav Reykjavic*

Fermi Surface Physics from Gauged Supergravity	2014
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*École Normale Supérieure Invited Talk*

Fermi Surface Physics in Novel States of $\mathcal{N}=4$ SYM	2014
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<i>Lorentz Institute Invited Talk</i>	
Peculiar Properties of Charged Dilatonic Black Holes	2014
<i>University of Cyprus Invited Talk</i>	
Gauged Supergravity and Fermion Response	2014
<i>Seventh Crete Regional Meeting in String Theory</i>	
Non-Fermi Liquids in Strongly Coupled Field Theories	2013
<i>HoloGrav Helsinki</i>	
Fermi Surfaces in $\mathcal{N}=4$ SYM	2013

### Schools

<i>Arnold Sommerfeld School</i>	
Gauge-gravity duality and condensed matter physics	August 2013
<i>École de Physique des Houches</i>	
Theoretical Physics to Face the Challenge of LHC	August 2011
<i>Theoretical Advanced Study Institute (TASI)</i>	
The Dark Secrets of the Terascale	June 2011
String Theory and its Applications: From meV to the Planck Scale	June 2010
Physics of the Large and Small	June 2009
The Dawn of the LHC Era	June 2008

### TEACHING

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#### Department of Physics, University of Colorado

Teaching and Learning Assistant for major, non-major physics courses	2004-2008
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#### Science Department, Boulder High School

Student Teacher for general and Advanced Placement physics	Fall 2006
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### PROFESSIONAL

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#### Academic Journal Referee

Nuclear Physics B	2014
Annals of Physics	2014

### HONORS

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#### Awards

Hot Quarks Investigator Award	2008
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Colorado Physics Graduate Fellowship Award	2007
William F. Souder Jr. Four Point Award	2005-2006
Carlton Blunt Scholarship Award	2005
Phi Beta Kappa Academic Honors Society	
Harold F. Ames Leadership Award	2004
National Committee Academic Achievement Award	2004

**Scholarships**

David and Margaret Grohne Scholarship	2006
Chick Evans Scholarship	2002-2006