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ACADEMIC POSITIONS	Brown University, Providence, RI, USA Postdoctoral researcher, 2016–
	ETH Zurich, Zürich, Switzerland Postdoctoral researcher, 2013–2016
EDUCATION	Ph.D. in Physics — August 2013 University of Michigan, Ann Arbor, MI, USA Advisor: Prof. Henriette Elvang
	Bachelor of Science — July 2008 Yuanpei College, Peking University, Beijing, China
RESEARCH INTEREST	 ★ Quantum field theory ★ Gauge/Gravity duality ★ Soluble models ★ Higher spin theory
CONFERENCE TALKS	• Apr 30, 2011, talk at the "Great Lakes Strings 2011" conference, University of Chicago, USA.
	• Mar 3, 2012, talk at the "Great Lakes String 2012" conference, Purdue University, USA.
	• Jul 24, 2014, talk at the "Recent development of string theory" conference, Ascona, Switzerland.
	• Mar 28, 2015, talk at the "Great lakes String 2015" conference, University of Michigan, Ann Arbor, USA.
	• Sep 7, 2015, talk at the "SwissMAP general meeting 2015" conference, Engelberg, Switzerland.
	• Apr 27, 2017, talk at the workshop "New Developments in AdS3/CFT2 Holography", Galileo Galilei Institute for Theoretical Physics, Florence, Italy.
	• Aug 20, 2018, talk at the workshop "SYK Models: From Interacting Quantum Matter to Black Holes." Aspen center for physics, Aspen, USA.
	• Oct 9, 2018, talk at the workshop "Chaos and Order: from Strongly Correlated Systems to Black Holes." Kavli Institute for Theoretical Physics, UC Santa Barbara, USA.
	• March 27, 2019, talk at the workshop "Higher spins and holography", the Erwin Schrdinger International Institute for Mathematics and Physics (ESI), Vienna, Austria

SEMINAR TALKS (selected) Jan 29, 2013, KITP, University of California, Santa Barbara, USA. Oct 8, 2013, ETH Zurich, Switzerland.

- Dec 23, 2014, Korea Institute for Advanced Study, Seoul, Republic of Korea.
- Nov 10, 2015, Albert Einstein Institute, Potsdam-Golm, Germany.
- Nov 5, 2015, Vienna University of Technology, Austria.
- Sep 14, 2016, Brown University, USA.
- Oct 16, 2017, Brandeis University, USA.
- Dec 6, 2017, University of Michigan, Ann Arbor, USA.
- Apr 20, 2017, Scuola Normale Superiore di Pisa, Pisa, Italy.
- Jan 17, 2017, KU Leuven, Belgium.
- Apr 29, 2019, Shanghai Jiaotong University, China
- May 8, 2019, Tianjin University, China
- May 14, 2019, Jilin University, Changchun, China

HONORS & • YITP fellowship, 2017 AWARDS

- KITP graduate fellow, 2013
- Excellent paper award, 2007 (of the President's Undergraduate Research Fellowship)
- POSCO Fellowship, 2007
- President's Undergraduate Research Fellowship 2006
- Wu Si (May 4th) fellowship, 2006

PUBLICATIONS

- C. Ahn and C. Peng, "Chiral Algebras of Two-Dimensional SYK Models," accepted for publication in JHEP. arXiv:1812.05106 [hep-th].
- 2. C. Peng, " $\mathcal{N} = (0,2)$ SYK, Chaos and Higher-Spins," JHEP **1812**, 064 (2018) arXiv:1805.09325 [hep-th].
- M. R. Gaberdiel, W. Li and C. Peng, "Twin-plane-partitions and N = 2 affine Yangian," JHEP 1811, 192 (2018) arXiv:1807.11304 [hep-th].
- M. R. Gaberdiel, W. Li, C. Peng and H. Zhang, "The supersymmetric affine Yangian," JHEP 1805, 200 (2018) arXiv:1711.07449 [hep-th].
- 5. C. Peng, M. Spradlin and A. Volovich, "Correlators in the $\mathcal{N} = 2$ Supersymmetric SYK Model," JHEP **1710**, 202 (2017) arXiv:1706.06078 [hep-th].
- C. Peng, "Vector models and generalized SYK models," JHEP 1705, 129 (2017) arXiv:1704.04223 [hep-th].
- M. R. Gaberdiel, R. Gopakumar, W. Li and C. Peng, "Higher Spins and Yangian Symmetries," JHEP 1704, 152 (2017) arXiv:1702.05100 [hep-th].
- C. Peng, M. Spradlin and A. Volovich, "A Supersymmetric SYK-like Tensor Model," JHEP 1705, 062 (2017) arXiv:1612.03851 [hep-th].
- S. Datta, M. R. Gaberdiel, W. Li and C. Peng, "Twisted sectors from plane partitions," JHEP 1609, 138 (2016) arXiv:1606.07070 [hep-th].
- Y. Lei and C. Peng, "Higher spin holography with Galilean symmetry in general dimensions," Class. Quant. Grav. 33, no. 13, 135008 (2016) arXiv:1507.08293 [hep-th].

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- M. Baggio, M. R. Gaberdiel and C. Peng, "Higher spins in the symmetric orbifold of K3," Phys. Rev. D 92, no. 2, 026007 (2015) arXiv:1504.00926 [hep-th].
- C. Candu, C. Peng and C. Vollenweider, "Extended supersymmetry in AdS₃ higher spin theories," JHEP 1412, 113 (2014) arXiv:1408.5144 [hep-th].
- 14. M. R. Gaberdiel and C. Peng, "The symmetry of large $\mathcal{N} = 4$ holography," JHEP **1405**, 152 (2014) arXiv:1403.2396 [hep-th].
- L. A. Pando Zayas and C. Peng, "Toward a Higher-Spin Dual of Interacting Field Theories," JHEP 1310, 023 (2013) arXiv:1303.6641 [hep-th].
- 16. C. Peng, "Dualities from higher-spin supergravity," JHEP 1303, 054 (2013) arXiv:1211.6748 [hep-th].
- Y. t. Huang, D. A. McGady and C. Peng, "One-loop renormalization and the S-matrix," Phys. Rev. D 87, no. 8, 085028 (2013) arXiv:1205.5606 [hep-th].
- K. Hanaki and C. Peng, "Symmetries of Holographic Super-Minimal Models," JHEP 1308, 030 (2013) arXiv:1203.5768 [hep-th].
- 19. H. Elvang, Y. t. Huang and C. Peng, "On-shell superamplitudes in $\mathcal{N} < 4$ SYM," JHEP **1109**, 031 (2011) arXiv:1102.4843 [hep-th].
- C. Peng and R. X. Xu, "Pulsar slow glitches in a solid quark star model," Monthly Notices of the Royal Astronomical Society, 384: 1034-1038. arXiv:0708.2482 [astro-ph].

Last updated: July 10, 2019