

Riccardo Comin

a. Professional Preparation

Universita degli Studi di Trieste	Trieste, Italy	Physics	B.Sc. (2007)
Universita degli Studi di Trieste	Trieste, Italy	Physics	M.Sc. (2009)
University of British Columbia	Vancouver, Canada	Physics	Ph.D. (2013)
University of Toronto	Toronto, Canada	EECS	Postdoc (2014-2016)

b. Appointments

Assistant Professor in Physics (Massachusetts Institute of Technology)	07/2021-
Assistant Professor in Physics (Massachusetts Institute of Technology)	07/2016-06-2021
Postdoctoral Researcher (University of Toronto)	04/2014-06/2016
Graduate Researcher (University of British Columbia)	09/2009-03/2014

c. Honors

MIT Class of 1947 Career Development Assistant Professorship	06/2019
Sloan Fellowship	02/2018
Canadian Light Source Young Investigator Award	05/2017
Bryan R. Coles Prize (SCES conference)	05/2016
McMillan Award (University of Illinois Urbana-Champaign)	12/2015
John Charles Polanyi Prize in Physics (Council of Ontario Universities)	11/2015
Fonda-Fasella Award (Italian Light Source Elettra)	11/2014
Bancroft Thesis Award (Canadian Light Source)	05/2014
Post-Doctoral Fellowship (NSERC, Canada)	04/2014-04/2016
4-year Fellowship (University of British Columbia)	09/2009-09/2013
Graduate Scholarship in Physics (Collegio delle Scienze Luciano Fonda)	09/2007-09/2009
Undergraduate Scholarship in Physics (Collegio delle Scienze Luciano Fonda)	09/2004-09/2007

d. Selected publications

1. J. Pellicciari, ..., R.C. Evolution of spin excitations from bulk to monolayer FeSe. *Nature Communications* **12**, 3122 (2021).
2. J. Li, ..., R.C. Sudden Collapse of Magnetic Order in Oxygen-Deficient Nickelate Films. *Physical Review Letters* **126**, 187602 (2021).
3. Levitan, K. Keskinbora, U. Sanli, M. Weigand, **R. Comin**. Single-frame far-field diffractive imaging with randomized illumination. *Optics Express* **28**, 37103 (2020). DOI: 10.1364/OE.397421
4. M. Kang, ..., R.C. Topological flat bands in frustrated kagome lattice CoSn. *Nature Communications* **11**, 4004 (2020).
5. M. Kang, ..., R.C. Dirac fermions and flat bands in the ideal kagome metal FeSn. *Nature Materials* **19**, 163 (2020).
6. D. R. Klein, ..., R.C. P. Jarillo-Herrero. Enhancement of interlayer exchange in an ultrathin two-dimensional magnet. *Nature Physics* **15**, 1255 (2019).
7. J. Li, ..., R.C. Scale-invariant magnetic textures in the strongly correlated oxide NdNiO₃. *Nature Communications* **10**, 4568 (2019).
8. M. Kang, ..., R.C. Evolution of charge order topology across a magnetic phase transition in cuprate superconductors. *Nature Physics* **15**, 335 (2019).
9. Z. H. Zhu, ..., R.C. Anomalous Antiferromagnetism in Metallic RuO₂ Determined by Resonant X-ray Scattering. *Physical Review Letters* **122**, 017202 (2019).
10. L. Ye*, M. Kang*, ..., R.C. J. G. Checkelsky. Massive Dirac fermions in a ferromagnetic kagome metal. *Nature* **555**, 638 (2018).

e. Advisees

Graduate students: Roberto Gauna; Jiaruo Li; David Rower; Luiz Gustavo Pimenta Martins; Connor Occhialini; Abraham Levitan; Qian Song; Mingu Kang; Jiarui Li (current). Lige Liu (2019-2021)
Postdoctoral and research scientists (current): Joshua Sanchez (current). Jonathan Pellicciari; Zhihai Zhu (2017-2019)
Research scientists: Kahraman Keskinbora (current).