

# Publication List

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- [1] *Interference of nematic quantum critical quasiparticles: a route to the octed model*, Eun-Ah Kim, Michael J. Lawler, unpublished (see arXiv:0811.2242).
- [2] *Gapless spin liquids on the three dimensional hyper-kagome lattice of  $\text{Na}_4\text{Ir}_3\text{O}_8$* , Michael J. Lawler, Arun Paramekanti, Yong Baek Kim, Leon Balents, Phys. Rev. Lett. **101** 197202.
- [3] *Theory of spin nematic to spin-Peierls quantum phase transition in ultracold spin-1 atoms in optical lattices*, Christoph M. Puetter, Michael J. Lawler, Hae-Young Kee, Phys. Rev. B. **78** 165121 (2008).
- [4] *Fluctuating stripes in strongly correlated electron systems and the nematic-smectic quantum phase transition*, Kai Sun, Benjamin M. Fregoso, Michael J. Lawler, Eduardo Fradkin, Phys. Rev. B. **78**, 085124 (2008).
- [5] *Quantum order by disorder in frustrated diamond lattice antiferromagnets*, Jean-Sébastien Bernier, Michael J. Lawler, Yong Baek Kim, Phys. Rev. Lett. **101**, 047201 (2008).
- [6] *Theory of Néel and Valence-Bond-Solid Phases on the Kagome Lattice of Zn-paratacamite*, Michael J. Lawler, Lars Fritz, Yong Baek Kim and Subir Sachdev, Phys. Rev. Lett. **100**, 187201 (2008).
- [7] *Theory of the nodal nematic quantum phase transition in superconductors*, Eun-Ah Kim, Michael J. Lawler, Paul Oreto, Eduardo Fradkin and Steven A. Kivelson, Phys. Rev. B. **77**, 184514 (2008).
- [8] *Topological spin liquid on the hyper-kagome lattice of  $\text{Na}_4\text{Ir}_3\text{O}_8$* , Michael J. Lawler, Hae-Young Kee, Yong Baek Kim and Ashvin Vishwanath, Phys. Rev. Lett. **100**, 227201 (2008).
- [9] *Local quantum criticality at the nematic quantum phase transition*, Michael J. Lawler and Eduardo Fradkin, Phys. Rev. B **75**, 033304 (2007).

- [10] *Measuring fractional charge and statistics in fractional quantum Hall fluids through noise experiments*, Eun-Ah Kim, Michael J. Lawler, Smitha Vishveshwara and Eduardo Fradkin, Phys. Rev. B **74**, 155324 (2006).
- [11] *Non-Perturbative behavior of the quantum phase transition to a nematic Fermi fluid*, Michael J. Lawler, Daniel Barci, Victoria Fernández, Eduardo Fradkin and Luis Oxman, Phys. Rev. B **73**, 085101 (2006).
- [12] *Signatures of fractional statistics in noise experiments in quantum Hall fluids*, Eun-Ah Kim, Michael J. Lawler, Smitha Vishveshwara and Eduardo Fradkin, Phys. Rev. Lett. **95**, 176402 (2005).
- [13] *Quantum Hall smectics, sliding symmetry, and the renormalization group*, Michael J. Lawler and Eduardo Fradkin, Phys. Rev. B **70**, 165310 (2004).