2 Postdoctoral Positions in Quantum Condensed Matter Theory
Group of Prof. William Witczak-Krempa

My group in the Department of Physics at Université de Montréal has openings for two (2) postdoctoral fellows. The successful candidates will begin in winter or fall 2020. The appointments are expected to last 2 years, subject to satisfactory performance in the first year. The salary is competitive.

The group’s research covers quantum materials (including unconventional superconductors, topological insulators & semimetals), quantum phase transitions, novel characterization using quantum information, quantum dynamics, and frustrated magnetism. We use cutting-edge field theory techniques, and numerical methods. The candidates will interact the students of the group (about 10 at the PhD and Masters levels), as well as with members of the other theoretical and experimental groups. For more information: [http://physique.umontreal.ca/wwk/](http://physique.umontreal.ca/wwk/)

The applicant must have a PhD in theoretical physics obtained within the last four (4) years, a strong background in quantum many-body physics, and previous research experience in theoretical condensed matter physics. The application material should include a detailed CV, a list of publications, 2 or 3 recommendation letters, and be in pdf format. It should be directly emailed to: [w.witczak-krempa@umontreal.ca](mailto:w.witczak-krempa@umontreal.ca)

The deadline for applications is December 5, 2019. Early applications are encouraged.

About the university & city
Université de Montréal is one of the major research institutions in Canada, and is located in the heart of a vibrant and multicultural city. The Physics Department is in the new science campus, built in 2019. It is part of a large strategic cluster (RQMP: [http://www.rqmp.ca/?lang=en](http://www.rqmp.ca/?lang=en)) aimed at the discovery and study of cutting edge materials. The cluster includes nearby institutions: McGill University, and Université de Sherbrooke.

Campus MIL: the new science campus built in 2019. This modern complex is located in the heart of the city.