

Postdoctoral position in condensed-matter theory

"From topologically protected states to topological quantum computation",
Wigner Research Centre for Physics, Budapest, Hungary

We invite applications for a postdoc position in condensed-matter theory at the Wigner Research Centre for Physics, Budapest, Hungary (<http://wigner.mta.hu>). The successful applicant will participate in the project *"From topologically protected states to topological quantum computation"*, led by principal investigator János Asbóth (<http://optics.szfki.kfki.hu/~asboth/>). Research activities will include at least one of the following directions: (1) novel topological states in periodically driven condensed-matter systems, (2) quantum computing with topological superconductors and/or topological error-correction schemes, (3) new materials hosting topological states. Applicants are expected to hold a PhD, and preferably have proven skills in analytical and/or numerical methods of modern condensed matter physics.

Further details:

- Starting date: October 1, 2017 or later.
- Research will be co-supervised by János Asbóth (Wigner RCP), László Oroszlány (Eötvös University), and András Pályi (Budapest University of Technology and Economics).

To apply, please submit the following documents per email to János Asbóth:

- Curriculum vitae
- List of publications
- Two references (senior researchers we can contact to tell us about their experience working with you)
- Short statement of your research interests and how they relate to this project.

For more information, please contact János Asbóth.

Budapest, July 14, 2017.

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László Oroszlány
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András Pályi
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