

# Postdoctoral position available now at University of Colorado, Boulder, with Prof. Alex Zunger's Matter by Design group.

Postdoctoral position is available immediately in the Matter-by-Design group of Prof. Zunger at the CU Boulder Renewable and Sustainable Energy Institute.

We are a highly productive and highly cited Condensed Matter Theory group located in a beautiful city of Boulder nestled in the Rocky Mountains. A website of our interests, publications, past group members and images of the City of Boulder can be found at:

<http://www.colorado.edu/zunger-matter-by-design/>

Successful candidates will have a strong background in *fundamental physics, electronic structure theory*, and modern computational approaches to solids. The position will involve theoretical and computational identification **of oxide and halide perovskites** with target physical properties ("Inverse Design") related to various functionalities .

Outstanding candidates are sought with the following qualifications and requirements:

- \* Proven record of significant research contributions in the modelling of materials.
- \* Proficiency in scientific software development and high-performance computing.
- \* PhD in physics, materials science or a related field.
- \* High-level proficiency in English

Under representative candidates are greatly appreciated.

**To apply**, please send a CV describing past/current research, publications, and NAMES of 2-3 references to [Alex.Zunger@Colorado.edu](mailto:Alex.Zunger@Colorado.edu) .After preliminary screening, you will be notified if letters of reference need to be sent to Prof. Zunger.

Applications will be continuously reviewed. Shortlisted candidates will be invited for interview (possibly online).