JOB OPPORTUNITY: Postdoctoral openings at the Center for Autonomous Materials Design – Duke University (Stefano Curtarolo's group).
LOCATION: Durham, NC USA.

The group of Prof. Curtarolo at the Center for Autonomous Materials Design at Duke University, USA has open postdoctoral positions available in computational materials design. The group is at the forefront of the development of automatic computational methods for the discovery of materials with technological applications. More information about the research can be found at aflow.org and materials.duke.edu.

Current openings are in **i.** autonomous thermodynamic property prediction, and **ii.** high-throughput electronic structure calculations of amorphous systems.

Successful candidates should have
1) An excellent understanding of solid-state physics, thermodynamics of materials, crystallography/group-theory, and inorganic chemistry.
2) Solid communication skills, both verbal and written.
3) Strong programming skills in C++, python, and/or Fortran, good knowledge of Unix systems (gcc, g++, etc.), and experience using materials data repositories such as AFLOW.
4) Proven experience in VASP, Quantum Espresso, FHI-AIMS, or other ab-initio code.
5) A doctorate degree in Physics (Materials), Materials Science, Chemistry or related disciplines. Graduate Students near completion of their Ph.D. are welcome and invited to apply.

Potential candidates should send **one** PDF file named "Lastname_Firstname_DUKE_Autonomous-201909.pdf" containing: cover-letter, curriculum vitae and the names/emails/phone of three references to **jobs@materials.duke.edu** by email with subject "DUKE_Autonomous_201909: Lastname Firstname". Only PDF material will be considered.

The location of the position is Durham, NC USA. Occasional travel to Europe is required. Starting date can be negotiated. The search will continue until the positions are filled.