



HARVARD

School of Engineering and Applied Sciences

Harvard University - Bertoldi Group

Deadline: Monday, November 10th, 2014

Opportunity

Our group is looking for excellent undergraduate / graduate students from Peking University. The candidates should have enthusiasm in research in the field of computational science and engineering and are interested in joining our group as a visiting scholar for a period of 6 to 12 months. Currently we offer projects in acoustic meta-materials and non-linear solid mechanics during the spring and/or summer semesters in 2015.

Bertoldi Group

Our group combines theoretical, computational and experimental methods to gain deeper insight into the non-linear behavior of materials and structures. Guided by theoretical and numerical analysis, we exploit material and geometric non-linearities to design novel materials with tunable exceptional properties. Please visit our group website and email us for more information.

Student Requirements

Excellent academic record and strong commitment to research

Skills Required: Strong affinity and experience in computational modeling, numerical analysis and hands-on programming. Familiarity with the following language/software is preferred: Python, Fortran, Matlab as well as Abaqus or any other finite element platforms.

Students are expected to have financial support by themselves or external support from home institution and/or other sources. Supporting letter can be provided for students who apply to external funding agencies.

Contact Information

Interested? Apply before **November 10th, 2014** by sending a **motivation letter**, **transcripts** of courses and grades, your **CV** and contact information (or recommendation letters) of **2 references** to: pai@seas.harvard.edu

Katia Bertoldi

Prof. Katia Bertoldi

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Group website: www.bertoldi.seas.harvard.edu