

PhD positions are available at the University of Minnesota in the group of Prof. Stefano Gonella. The positions are in the general area of mechanics and physics of solids and structures, with emphasis on mechanical metamaterials. Topics of current interest are:

- 1) Topological metamaterials;
- 2) Nonlinear waves in metamaterials and architected solids;
- 3) Tunable and programmable metastructures.

The ideal candidate is a highly motivated and creative student with background in engineering, physics or mathematics, solid foundations in mechanics, coding experience and strong communication skills.

In parallel to the core theoretical and computational research, students will have the opportunity to conduct cutting-edge experimental work in the Wave Laboratory equipped with a 3D Laser Scanning Doppler Vibrometer.

Applicants should submit a resume (indicating names and contact of references) via email to Prof. Stefano Gonella at sgonella@umn.edu. Qualified candidates will be contacted to schedule a follow-up phone/Skype interview.

The University of Minnesota is one of the most comprehensive and prestigious public universities in the United States. The campus is located in the vibrant heart of the Minneapolis-Saint-Paul metropolitan area (the Twin Cities), one of the fastest-growing economic, artistic and cultural hubs in the nation, just blocks from theaters, museums, professional sports venues and endless outdoors recreation opportunities.



Minneapolis skyline from the University of Minnesota campus



Lake Calhoun - Minneapolis



Guthrie Theater - Minneapolis



Weisman Art Museum on the University of Minnesota campus



Vikings Stadium - Minneapolis



Outdoors activities on the Mississippi riverfront