**Professor Julien Meaud**


See:
https://www.me.gatech.edu/faculty/meaud
https://petitinstitute.gatech.edu/julien-meaud
https://scholar.google.com/citations?user=jJTt8i8AAAAJ&hl=en

The George W. Woodruff School of Mechanical Engineering
Georgia Institute of Technology, Atlanta, Georgia, USA

**Biography:**

Dr. Julien Meaud joined Georgia Tech as an Assistant Professor of Mechanical Engineering in August 2013. Before joining Georgia Tech, he worked as a research fellow in the Vibrations and Acoustics Laboratory and in the Computational Mechanics Laboratory at the University of Michigan, Ann Arbor. Dr. Meaud investigates the mechanics and physics of complex biological systems and the mechanics and design of engineering materials.
using theoretical and computational tools. In Dr. Meaud's research group, students learn theoretical and computational techniques that are used extensively to solve engineering problems in academic research and industry. Students will develop knowledge and expertise in a broad array of mechanical engineering areas. The knowledge that students will gain in computational mechanics, nonlinear and structural dynamics, structural acoustics, dynamics and composite materials could be applied to many domains in their future career.

**Education:**

Ph. D., Mechanical Engineering, University of Michigan, Ann Arbor, 2010  
M.S., Mechanical Engineering, University of Michigan, Ann Arbor, 2006  
B.S., Ecole Centrale de Lyon, France, 2005

**Research Interests:**

Acoustics and Dynamics; Mechanics of Materials and Bioengineering; Auditory mechanics; physiological acoustics; composite materials; computational mechanics; finite element method; viscoelasticity

**Selected Publications:**

Kaikai Che, Michael Rouleau and Julien Meaud, “Temperature-tunable time-dependent snapping of viscoelastic metastructures with snap-through instabilities”, Extreme Mechanics Letters, Vol. 32, Article 100528, October 2019