



PennState

**AGRICULTURAL AND
BIOLOGICAL ENGINEERING**

“Mechanics of Agricultural and Biological Materials: Recent Research Activities”

Presenting recent research on the application of engineering mechanics of materials and structure to agricultural and biological engineering fields

**Presented By
Hojae Yi, Ph.D., Assistant Research Professor**

Dr. Hojae Yi is an Assistant Research Professor of the Department of Agricultural and Biological Engineering at Penn State. Dr. Yi received his Ph.D. in Agricultural Engineering at Seoul National University in South Korea. He has been working as a Post-Doctorate scholar at the Agricultural and Biological Engineering Department of Penn State University from 2006. He was appointed as a Research Associate in 2011 and Assistant Research Professor in 2018.

Dr. Yi's researches focus on the mechanics of agricultural and biological materials. Many agricultural and biological materials are handled and processed as a form of particulate materials. Dr. Yi's research concerns the mechanical properties and behavior of particulate materials with special emphases on the compaction and flow. Dr. Yi's recent research topics include plant biomechanics using computational and experimental approaches. In this talk, Dr. Yi will present his recent researches in these fields and discuss how they contribute to the advances in the agricultural and biological engineering.



**Monday, February 18, 2019
11:00 AM – 12:00 PM
312 Agricultural Engineering Building**