

# Excellence In Geosttructures And Geomaterials

Dr. Eunhye Kim

Assistant professor, UC&T faculty, Colorado School of Mines

**WEDNESDAY, October 7<sup>th</sup> at NOON in BB W210**

Lunch Provided –

Dr. Kim will talk about her research in the following four areas:

- Stability of underground structure
- Rock mechanics, rock fragmentation and fracture toughness
- Drilling bit optimization
- Rock mechanics database

Dr. Kim is actively involved with the Earth Mechanics Institute (EMI) and the Center for Underground Construction & Tunneling (UC&T). She also collaborates with industry partners in the area of geosturcture stability, cutting mechanics and drilling tools in an effort to make a safer workplace and cost-effective process. Dr. Kim is also interested in underground structures and mines to resolve local and national industry problems.



**Dr. Eunhye Kim** is an Assistant Professor of the Mining Engineering Department and the Center for Underground Construction and Tunneling (UC&T). After completing dual BS (Civil Engineering and Computer Science) and MS (Civil, Urban & Geosystem Engineering) in South Korea, she attended Pennsylvania State University where she earned her Ph.D in Energy and Mineral engineering with an emphasis in Mining Engineering (drilling optimization) and a minor in Engineering Mechanics. As part of her professional service, she acts as a Young Leader Committee member for the Society of Mining, Metallurgy, and Exploration (SME), and as Future Leader for the American Rock Mechanics Association (ARMA).

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