

DEPARTMENT OF

ENERGY AND MINERAL ENGINEERING

COLLEGE OF EARTH AND MINERAL SCIENCES

EGEE/PNGE 590 Colloquium

**Engineering Analysis of a Natural Gas Gathering and Production
System for Determination of Optimum Operating Conditions**

**Presented by: Jayanth Krishnamurthy, Masters Student
Petroleum and Mineral Engineering**

Abstract:

The objective of this work is to carry out a comprehensive engineering analysis of the Natural Gas pipeline network located in PA, with the ultimate goal of evolving an optimal operation strategy. The initiative is driven by the development of a comprehensive understanding of the flow dynamics in the context of natural gas network and gain the necessary predictive capability to enhance operations and efficiency of the network system of interest.

**Thursday, January 31, 2008
1:00 – 2:15 p.m.
157 Hosler Building**

light refreshments will be served at 1:00 p.m.