

# Physics Seminar

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Wednesday 11/29/2006, 4:30pm  
Willet Science Center 101

## Building a Gas Turbine from an Ordinary Turbocharger for Turbo Machinery Lab



As Mercer continues to place budget constraints on all departments, the need to create low budget labs is one priority of Mercer professors. One such lab that is needed to help demonstrate turbo-machinery is a small, cheap jet engine or gas turbine. That is exactly what Dr. Loren Sumner has asked one student to build. This Physics Seminar will cover the basic design and theories that turn a turbocharger into a jet engine.

*Please join us for light refreshments at 4:15pm outside WSC 109.*