

# Special Seminar

## Weston Roundtable Lecture

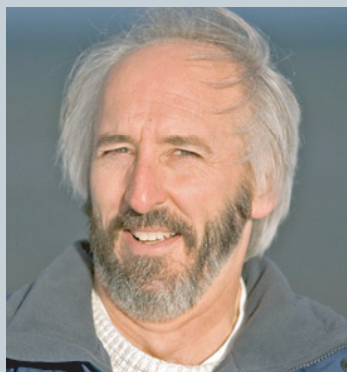
### 1106 Mech. Eng.

### Thursday, Feb. 9, 4:15 pm



**PROF. PAUL SHEPSON**

**ANALYTICAL & ATMOSPHERIC CHEMISTRY  
PURDUE UNIVERSITY**



*“INFLUX: Moving Toward the Ability to Conduct Regional and Global-scale Accounting of Greenhouse Gases”*

"To understand the global carbon cycle requires knowledge of source strengths, and geographic and temporal variability of emissions. Moreover, international carbon management treaties demand reliable tools to verify compliance. Thus we need the ability to measure urban area-wide fluxes of carbon cycle gases.

"To do this we created the Indianapolis Flux Experiment (INFLUX). I will present preliminary results of the INFLUX project for both CO<sub>2</sub> and CH<sub>4</sub>, focusing on efforts to apportion the emissions to individual sectors."