



# Dr. Phil Womble

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### Research Interests:

- Non-destructive analysis techniques for:
  - Detection of Explosives
  - Contraband Detection
  - On-line Analysis of Coal
- As Director of the Applied Physics Institute:
  - At the Applied Physics Institute, we cover so many areas of physics that I am no longer a "pure" nuclear physicist. Each Problem is Unique and requires its own unique solution.
  - My work in non-destructive analysis has led me to such fields as atomic physics, coal chemistry, geology, nuclear engineering, electrical engineering, solid state physics, thermodynamics, etc.