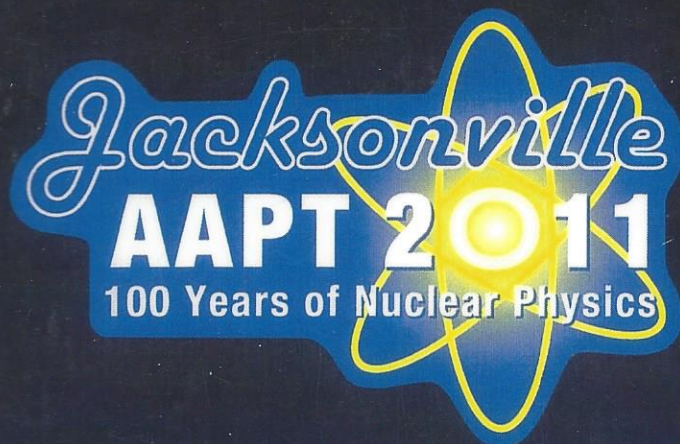


Winter Meeting Program

January 8-12, 2011



AAPT American Association of
PHYSICS EDUCATION **Physics Teachers**

DG: High School

Location: Grand Ballroom 3
Sponsor: Physics in High Schools Committee
Date: Tuesday, January 11
Time: 8–8:30 a.m.

Presider: Jan Mader, Great Falls High School

DG03: 8:20–8:30 a.m. Formula Recollection through Unique Mnemonic Technique

*Shannon A. Schunicht, Texas A&M University, College Station, TX
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This presentation is for a worldly recognized mnemonic technique to allow for simplification of complex formulas by their transition into a memorable acronym. The basic technique is to allow each vowel to represent a mathematical operation, that is, the letter a for multiplication to imply @, the letter o to represent division to imply over, the letter i to represent subtraction implying minus, the letter u to represent addition implying plus, and the letter e implying equals. Most constants and variables are indeed consonants, c for the speed of light, and z for altitude, except i build rabbit 4 cats on 2 hats is a acronym for the quadratic equation. Everyone remembers Dr. Seuss? Using this author's mnemonic technique, other acronyms will be shown, as well as those submitted upon attendance. Sample cards to illustrate vowels:mathematical operations will be available. The possibilities of this mnemonic technique are limitless, as $\Delta X \Rightarrow 0$.