LSU-PHYSICS MYSTERY HUNT

Halloween 2011, clues handed out at exactly 3:30 PM

GOAL: To use the clues on this sheet to find the hidden reward.

PRIZES: **First** , Dinner for two plus secret prize
Second, Ice cream for two plus secret prize
Third, Secret prize

PRECURSOR CLUE: The Block Party flier had a weird instructionlessprecursor clue. First you had to fill in the crossword puzzle (with answers in order RHO, IRON, NOBEL, NIELSBOHR, NOISE, NOBLE, BORN, and IR). Second, you had to realize that the 9x9 letters formed an alphabetic sudoku and solve it. Third, you had to take the letters in the Greek-lettered spaces and transfer them to the acrostic underneath, so as to form the clue HIDDEN IN BOOK IN LIBRARY.

METTE -CLUE:

P	A	G	E

1	3	7

of

Q	C

7	9	3	.	5

E	6	2	8

B	R	O	W	N

P	A	G	E

P$V=nRT$, A$_{rectangle}=L*W$, $F=GMm/D^2$, E$=mc^2$

1	3	7

$= \hbar c/e^2$ Hint: This is a fine value overturned

Q

The name of the character played by John de Lancie (Star Trek) and Desmond Llewelyn (James Bond)

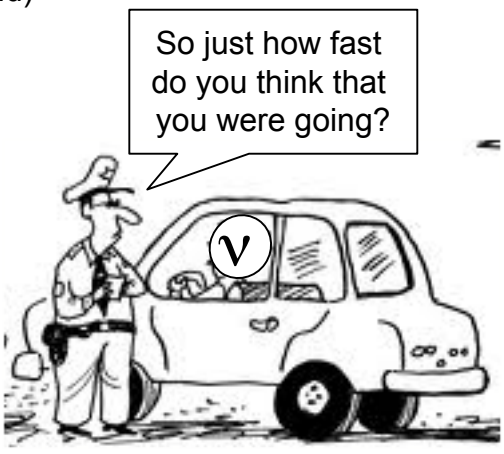
C

D G L O
G O L D

Z T H R E
H E R T Z

I F O N S U
F U S I O N

E L N O P T
L E P T O N



ANSWER: The S P E E D of L I G H T = **C**

ε7

四加三等于几?

三 四 业 咏 簽 河

ζ9

The emblem of our department is from the artwork showing our Solar System symbolically. This is visible as a large colored emblem in stonework above the entry to the lecture room (130) close to Prof. J. Moreno's office. This is easy to see fast by looking out the one 2nd floor window in the corridor by the staircase just south of the library). But only 8 of the 9 planets are depicted. What is the number of the planet (with Mercury=1, Venus=2, Earth=3,…) that is *missing*?

η3

Start at the window in the previous puzzle. Stand close to the window looking squarely out, and turn around exactly 180°. Walk straight ahead until you can touch a picture of a polar bear. Turn around 180°. Walk straight until your left shoulder passes pictures of human babies. Continue forward 4 tile squares. Turn 90° to the right. Walk on a straight line towards the elevator UP button. On this line, stop 12 tiles before hitting the button. Now, go exactly 81 tiles directly west. Turn north. Find the paper at Prof. R. Jin's eye-level that was accepted 13 July 2011. The answer is the number of the authors on this paper.

θ5

= Room Number of Prof. A.R.P. Rau - Room Number of Prof. C. Deibel

ιE

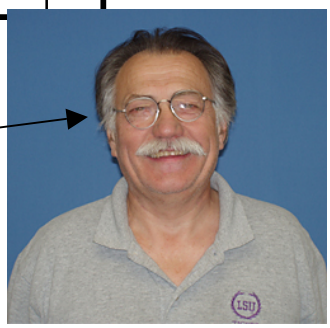
W	ιE	1R	D
2D	R	E	W
R	W	D	E
E	D	W	R

ACROSS

2. D R E W s advisor is Prof. J. DiTusa

DOWN

1. Type of shift for distant galaxies
2. When 2-across gets his Ph.D., you will address him as D R Rebar



6 2 8

Ask Prof. J. Frank for this answer

B R O W N

This early portrait is of LSU Prof.

D. B R O W N E