



# Mr. Natural

## SAYS:

**If** YOU'VE BEEN NERVOUSLY ROOTING FOR "NATURALNESS" TO WIN THE DAY...

**If** YOU'RE BEFUZZLED BY THE LHC'S FAILURE TO FIND SUSY...

**If** YOU'RE STILL SCRATCHING YOUR HEAD ABOUT THE DIRECTION OF TIME...

**If** YOU'RE STRESSED OUT BY THE EMBARRASSING  $10^{120}$  COSMIC VACUUM DISCREPANCY...

$$\Lambda_{SM} = ?!$$

OR

**If** YOU'VE NOTICED THAT THE POPULAR PLETHORA OF PLANCK-SCALE INFLATONIC SINGULARITY-STRICKEN HOLOGRAPHIC STRING-BRANES INHABITING A DARK MIRAGE OF MULTIVERSES RESEMBLES A HOLLYWOOD FANTASY, THEN...

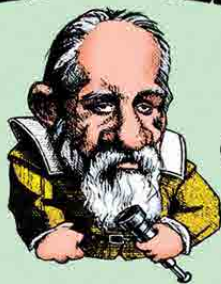


# Lighten Up!

Some fundamental, yet unexplored science has been knocking at the door for centuries. Simply accept the invitation to do an experiment proposed in 1632 by the Father of

## MODERN SCIENCE

Galileo



Galilei

**Galileo asked:** What happens when a small body of matter falls radially into a larger body without collision? At the opposite extreme of the LHC's high-energy collision experiments, Galileo's experiment requires only a relatively inexpensive Small Low-Energy Non-Collider:

TWO UNDISTURBED BODIES OF MATTER



SMALL LOW-ENERGY NON-COLLIDER

**Mr. Natural** UNDERSTANDS WHY YOU MAY THINK YOU ALREADY "KNOW" THE RESULT OF THIS EXPERIMENT. BUT HUMANS HAVE NEVER YET **OBSERVED** GRAVITY-INDUCED RADIAL MOTION THROUGH THE CENTERS OF MASSIVE BODIES. FOR THIS WE HAVE **NO DATA**, SO WE DO NOT REALLY KNOW.

*Therefore* IT BEHOOVES US TO JOIN MR. NATURAL AND ALL SCIENCE-MINDED SEEKERS OF THE TRUTH TO FULFILL THIS HUMBLE GOAL, TO BUILD AND OPERATE HUMANITY'S VERY FIRST **SMALL LOW-ENERGY NON-COLLIDER**.

