

# Fast Physics

How does Nature impose the speed of light limit?



## History

1887 Michelson-Morley, speed of light unchanged  
by the speed of the Earth

1905 Einstein's special relativity

## Current Efforts

It's the Lorentz group, stupid (no need to explain)

## My Efforts

Wavelength and frequency do change, their ratio doesn't

Changes in time = changes in space, the definition of unity  
in space-time

Photons have no story to tell