

Abstract Submitted
for the APR12 Meeting of
The American Physical Society

Superluminal Physics & Instantaneous Physics - as new trends in research FLORENTIN SMARANDACHE, University of New Mexico — First, we extend physical laws and formulas to superluminal traveling and to instantaneous traveling. Afterwards, we should extend existing classical physical theories from subluminal to superluminal and instantaneous traveling. And lately we need to found a general theory that unites all theories at: law speeds, relativistic speeds, superluminal speeds, and instantaneous speeds – as in the S-Multispace Theory. In a similar way as passing from Euclidean Geometry to Non-Euclidean Geometry, we can pass from Subluminal Physics to Supraluminal Physics, and further to Instantaneous Physics (instantaneous traveling). In the lights of two consecutive successful CERN experiments with superluminal particles in the Fall of 2011, we believe these two new fields of research should begin developing.

Florentin Smarandache
University of New Mexico

Date submitted: 05 Dec 2011

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