

## New Physics Directions in the LHC era and beyond



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### The principle of global relativity

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I present a new principle of relativity in physics.  
It is an alternative away from naturalness towards a new paradigm.  
It allows for an a priori derivation of the gauge structure of nature.  
In particular it can explain why there are precisely three generations of fermions.  
A specific form of dark matter is preferred.  
The standard model can only be extended in a minimalistic way.

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