

<i>Some questions beyond the Standard Model</i>	Standard Models	Supersymmetric Standard Models	String Theory
What form is matter?	✓		✓
What is matter?	✓		✓
What is light?	✓✓		
What interactions give our world?	✓		✓
Gravity?			✓✓
Supersymmetry?			✓
How is supersymmetry broken?			✓
Stabilize the quantum hierarchy?		✓✓	
Explain hierarchy (ratio of Planck to weak scales)?			✓
Unify force strengths?		✓✓	
Higgs physics?	~	✓	✓
What is the dark matter?	~	✓	✓
Baryon asymmetry?	~	✓	✓
More than one family? 3 families?	~	~	✓
Value of quark, lepton masses?	~	~	✓
Origin of CP violation?	~	~	✓
Origin of Parity violation?	~	~	✓
What is the inflaton?		✓	✓
Amount of dark energy?			✓
Cosmological constant too large?		✓	✓
What is an electron? Electric charge?			✓
Space-time?			✓
Rules of quantum theory?			✓