

# IS high energy physics real ?

**Source:** <http://sci.tech-archive.net/Archive/sci.physics/2004-10/0724.html>

---

**From:** eighth man (*eighth\_at\_libero-dot-it.no-spam.invalid*)

**Date:** 10/02/04

Date: 2 Oct 2004 16:33:30 -0500

I have a few questions:

1) I read that particle physics uses accelerators and computers to compare results according to Feynman diagrams. According to the precision these diagrams may be 70 or 40000 and eventually millions to trillions all very complex to calculate. At what point (decimal point;) will scientists think the precision will be enough ? (a trillion feynman diagrams?) And if so will they be even able to calculate it ? and even after won't they be curious to know if a higher precision could lead to something else ?

2) after the grand theory of everything is achieved maybe 300 years from now, will scientists still study all the theoretical structures anyways even if it has no use for physics anymore ?

3) particle accelerators, theories, computers etc. seem quite distant from reality... it makes me think sometime "is it real ?"  
I mean there is only one level seperating a virtual reality program from reality (the program) whereas in particle physics we have about 5 or 6 (accelerators, theories, computers, calculations etc)

Posted Via Usenet.com Premium Usenet Newsgroup Services

---

\*\* SPEED \*\* RETENTION \*\* COMPLETION \*\* ANONYMITY \*\*

---

<http://www.usenet.com>