

Michio Kaku

Quotes

Thinking, Space, Years, Stars, Science, People, Believe, Brain, Fiction, Law, Technology, Children, Moon, Two, Light, Common Sense, Play, Civilization, Media, Bangs

All kids are born geniuses, but are crushed by society.

~Michio Kaku

What is the universe? The universe is a symphony of vibrating strings...we are nothing but melodies. We are nothing but cosmic music played out on vibrating strings and membranes.

~Michio Kaku

The human brain has 100 billion neurons, each neuron connected to 10 thousand other neurons. Sitting on your shoulders is the most complicated object in the known universe.

~Michio Kaku

If you could meet your grandkids as elderly citizens in the year 2100 â€¦ you would view them as being, basically, Greek godsâ€¦ that's where we're headed.

~Michio Kaku

It's pointless to have a nice clean desk, because it means you're not doing anything.

~Michio Kaku

Music is the voice of God traveling through ten-dimensional hyperspace.

~Michio Kaku

What do oil company executives, vampires and NASA bureaucrats all have in common? They fear solar energy.

~Michio Kaku

Common sense has no place in Quantum Mechanics.

~Michio Kaku

I believe we exist in a multiverse of universes.

~Michio Kaku

We have the media, which is such a waste in the sense that you can actually feel your IQ get lower as you watch TV.

~Michio Kaku

In the beginning God said, the four-dimensional divergence of an antisymmetric, second rank tensor equals zero, and there was light, and it was good. And on the seventh day he rested.

~Michio Kaku

In fact, all of us have a piece of Chernobyl in our bodies going back to 1986.

~Michio Kaku

Physicists are made of atoms. A physicist is an attempt by an atom to understand itself.

~Michio Kaku

When we're born, we want to know why the stars shine. We want to know why the sun rises.

~Michio Kaku

God throws dice, what can I say?

~Michio Kaku

Physics is often stranger than science fiction, and I think science fiction takes its cues from physics: higher dimensions, wormholes, the warping of space and time, stuff like that.

~Michio Kaku

We believe that black holes collapse to rings hitting very fast. If you follow through the ring you don't die. The mathematics says you fall straight through, perhaps to another universe.

~Michio Kaku

We're in 'Jurassic Park' territory. If we go to the zoo in the future, we'll have zoos for extinct animals.

~Michio Kaku

Once confined to fantasy and science fiction, time travel is now simply an engineering problem.

~Michio Kaku

What we usually consider as impossible are simply engineering problems... there's no law of physics preventing them.

~Michio Kaku

String theory is based on the simple idea that all the four forces of the universe: gravity, the electromagnetic force and the two nuclear forces, can be viewed, as music.

~Michio Kaku

Being a physicist, not a philosopher, I have devised an entirely new theory of consciousness, allowing one to numerically calculate the level of consciousness of humans and even animals.

~Michio Kaku

We are not at the end but at the beginning of a new physics. But whatever we find, there will always be new horizons continually awaiting us.

~Michio Kaku

I'm not a science fiction writer, I'm a physicist. These are scientists who are making the future in their laboratories.

~Michio Kaku

There are dangers, but only dangers if people don't understand where

technology is taking us.

~Michio Kaku

We physicists know that the brain is a milliwatt transmitter of radio. We have computers that can decipher much of this gibberish coming from our brain and we could then use that to control computers.

~Michio Kaku

Impossible is relative.

~Michio Kaku

Robots may gradually attain a degree of 'self-awareness' and consciousness of their own.

~Michio Kaku

Chances are, when we meet intelligent life forms in outer space they're going to be descended from predators.

~Michio Kaku

In the future, you'll simply jump into your car, turn on the Internet, turn on a movie and sit back and relax and turn on the automatic pilot, and the car will drive itself.

~Michio Kaku

Global warming is controversial, of course, but the controversy is mainly over whether human activity is driving it.

~Michio Kaku

The brain weighs only three pounds, yet it is the most complex object in the solar system.

~Michio Kaku

The media, of course, loves to make claims about the fountain of youth. Don't believe it. No one has it. But we're getting close.

~Michio Kaku

Futurism today is led by science-fiction writers, by sociologists, by historians. Now, I have nothing against them. I'm sure they do great work. But they're not scientists. They're clueless.

~Michio Kaku

To understand the difficulty of predicting the next 100 years, we have to appreciate the difficulty that the people of 1900 had in predicting the world of 2000.

~Michio Kaku

The best theory comes from string theory, which states that dark matter is nothing but a higher vibration of the string. We are, in some sense, the lowest octave of a vibrating string.

~Michio Kaku

Science fiction without the science just becomes, you know, sword and sorcery, basically stories about heroism and not much more.

~Michio Kaku

I am a figure skater, which helps me appreciate Newton's theory of mechanics.

~Michio Kaku

Science is definitely part of America's infrastructure, the engine of prosperity. And yet science is given almost no visibility in the media.

~Michio Kaku

The river of time may fork into rivers, in which case you have a parallel reality and so then you can become a time traveler and not have to worry about causing a time paradox.

~Michio Kaku

I think Newton would be the greatest scientist who ever lived.

~Michio Kaku

Reality has always proved to be much more sophisticated and subtle than any preconceived philosophy.

~Michio Kaku

[T]he yeoman's work in any science, and especially physics, is done by the experimentalist, who must keep the theoreticians honest.

~Michio Kaku

The universe is a symphony of strings, and the mind of God that Einstein eloquently wrote about for thirty years would be cosmic music resonating through eleven-dimensional hyper space.

~Michio Kaku

You cannot create new science unless you realise where the old science leaves off and new science begins, and science fiction forces us to confront this.

~Michio Kaku

Faust was this mythical figure who sold his soul to the devil for unlimited power. The Japanese have made that Faustian bargain because they don't have coal, oil or hydro power.

~Michio Kaku

No one knows who wrote the laws of physics or where they come from. Science is based on testable, reproducible evidence, and so far we cannot test the universe before the Big Bang.

~Michio Kaku

In some sense, gravity does not exist; what moves the planets and the stars is the distortion of space and time.

~Michio Kaku

Chemistry is the melodies you can play on vibrating strings.

~Michio Kaku

I believe that science is the engine of prosperity, that if you look around at the wealth of civilization today, it's the wealth that comes from science.

~Michio Kaku

They basically ask their engineers to volunteer some probability figures, then they take the average. This is not science. This is voodoo.

~Michio Kaku

In general, the larger the breeding population, the slower the rate of evolution.

~Michio Kaku

No matter how beautiful the theory, one irritating fact can dismiss the entire formulism, so it has to be proven.

~Michio Kaku

Scientific revolutions, almost by definition, defy common sense.

~Michio Kaku

In science, nothing is ever 100% proven.

~Michio Kaku

You can mass-produce hardware; you cannot mass-produce software - you cannot mass-produce the human mind.

~Michio Kaku

We've done a miserable job of preparing people for today's world, let alone tomorrow's.

~Michio Kaku

In the future we'll be able to mentally contact anybody we want, see whatever image we want. And when we don't like it, we'll just turn it off.

~Michio Kaku

Growing new organs of the body as they wear out, extending the human lifespan? What's not to like?

~Michio Kaku

I agree, along with Carl Sagan, that we should eventually become a two planet species. Life is too precious to place on a single planet.

~Michio Kaku

Scientists are embarrassed by science fiction; they want to distance themselves as much as possible. ... I think there's nothing to be ashamed of [and that] we should take science fiction seriously.

~Michio Kaku

To a physicist, we have the 'I' word, the I-word is 'impossible.' That's dangerous.

~Michio Kaku

Today's clunky smart glasses will be replaced by smart contact lenses. We'll command them by voice, blinking, or even thinking, to interact visually in 3-D with the Internet.

~Michio Kaku

We are slowly isolating the genes involved with the aging process. We do not have the fountain of youth, but I think, in the coming decades, we will unravel the aging process at the genetic level.

~Michio Kaku

To become a theoretical physicist ... you need to have a passionate love affair with the universe.

~Michio Kaku

A related aspect of intelligent consciousness is delay of gratification: the wisdom to accurately predict whether delay rather than acting on impulse will yield greater benefit.

~Michio Kaku

I have nothing against investment banking, but it's like massaging money rather than creating money.

~Michio Kaku

Even if we mortgage the next 100 years of generations of human beings, we would not have enough energy to build a Death Star.

~Michio Kaku

So often, science fiction helps to get young people interested in science. That's why I don't mind talking about science fiction. It has a real role to play: to seize the imagination.

~Michio Kaku

Time travel and teleportation will have to wait. It may take centuries to master these technology.

~Michio Kaku

In the future, I can imagine that we will genetically modify ourselves using the genes that have doubled our life span since we were chimpanzees.

~Michio Kaku

One day when I was 8 years old, everyone was talking in hushed tones about a great scientist that had just died. His name was Albert Einstein.

~Michio Kaku

We have learned more about the brain in the last fifteen years than in all prior human history, and the mind, once considered out of reach, is

finally assuming center stage.

~Michio Kaku

Scientists who have dedicated their lives to building machines that think, feel that it's only a matter of time before some form of consciousness is captured in the laboratory.

~Michio Kaku

I would hope that the publicity around the Higgs boson would increase the public awareness of physics and cosmology.

~Michio Kaku

My point is, no one can stop the Internet. No one can stop that march. It doesn't mean that it's going to be smooth, though.

~Michio Kaku

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