



# What the Future Looks Like: Leading Science Experts Reveal the Surprising Discoveries and Ingenious Solutions That Are Shaping Our World

*Jim Al-Khalili (Editor)*

[Download now](#)

[Read Online](#) 

# What the Future Looks Like: Leading Science Experts Reveal the Surprising Discoveries and Ingenious Solutions That Are Shaping Our World

*Jim Al-Khalili (Editor)*

**What the Future Looks Like: Leading Science Experts Reveal the Surprising Discoveries and Ingenious Solutions That Are Shaping Our World** Jim Al-Khalili (Editor)  
**Science fact, not science fiction, in this wide-ranging update from leading experts on the cutting-edge developments that are already defining our future lives and world**

Every day, scientists alight on pioneering solutions that will define the future of life on this planet, yet it isn't every day you hear about these discoveries straight from the scientists themselves. Now, award-winning science writer Jim Al-Khalili and his top-notch team of experts draw on their mastery of groundbreaking scientific research to predict what advancements will shape the future just around the corner and beyond.

Taking in genomics, robotics, AI, the "Internet of Things," synthetic biology, interstellar travel, colonization of the solar system, and much more, *What the Future Looks Like* explores big-picture questions like: *Will we find a cure to all diseases? The answer to climate change? And will bionics one day turn us into superheroes?* Neither celebratory nor alarmist, here is entirely reality-based insight on the science-fueled future that is helping to solve intractable problems—and that's already unfolding all around us.

## What the Future Looks Like: Leading Science Experts Reveal the Surprising Discoveries and Ingenious Solutions That Are Shaping Our World Details

Date : Published April 17th 2018 by The Experiment

ISBN : 9781615194704

Author : Jim Al-Khalili (Editor)

Format : Paperback 240 pages

Genre : Science, Nonfiction

 [Download What the Future Looks Like: Leading Science Experts Rev ...pdf](#)

 [Read Online What the Future Looks Like: Leading Science Experts R ...pdf](#)

**Download and Read Free Online What the Future Looks Like: Leading Science Experts Reveal the Surprising Discoveries and Ingenious Solutions That Are Shaping Our World Jim Al-Khalili (Editor)**

---

## **From Reader Review What the Future Looks Like: Leading Science Experts Reveal the Surprising Discoveries and Ingenious Solutions That Are Shaping Our World for online ebook**

### **Jen says**

I really enjoyed this book of essays on a variety of topics- smart materials, AI, cyber security, genomics, climate change, etc. It gave me so much to think about and made me quite optimistic about the innovations that we could see in the future! As a middle school engineering teacher, it gave me so many great ideas for projects this year!

---

### **Kurtis Mcdowell says**

A great general science non-fiction guide for the general audience with words and sentences are easy to read and comprehend, covering upcoming technology, written by experts in their respective fields. "New technologies have a way of bettering our lives in ways we cannot anticipate. There is no convincing demonstrated reason to believe that our evolving future will be worse than our present" The book covers topics from climate change to Happy Pills and reminds us that "genes are not destiny".

I have been gifted this book and chose to leave a voluntary review. The review and ratings are solely my opinions. Thanks NetGalley for the arc in exchange for my honest review.

---

### **Heidi Svendsen says**

This was an interesting book. The views on the future were thought out, argued and presented in an beautiful manner. I especially loved the diversity in the presenters, it is not often one find an almost equal amount of male and female researchers in a book like this.

If you have an interest in how the future might look like in different fields, take a look at this book. What "scares" and intrigues me the most is how near we are to the science fiction future.

\*Copy provided by NetGalley in exchange for an honest review\*

---

### **Falbs says**

This could have been awesome, but I can't really say I learned a whole lot that I didn't already know. There was one great section on materials science that got me thinking differently about various materials and I would absolutely love to sit down with each and every one of the authors and pick their brains, but most of the truly big ideas didn't really come across so well in the book itself.

---

### **Constantine says**

Rating: 3.5/5.0

The book is a collection of different essays written by several authors. It focuses on how the future of humanity might look like in terms of technological advances. The future here is not only the near future but also the not so near one. I liked that the book has not only focused on the bright sides of each advancement but on its drawbacks as well. I found it also interesting to read about what will happen (Apocalypse) if things go wrong and not as planned.

The book is divided into sections like the future of our planet in terms of climate changes, demographics, and biosphere. Then there is the future of humanity and our survival in terms of genetic engineering, medicines, and transhumanism. Then it focuses on the future of the internet and how it will affect us and our world when there will be more use of cloud services and artificial intelligence.

I found the part about the future of transportation, advanced teleporting and time travel to be fascinating a lot but personally, I don't see that happening even in the long run, but who knows what will happen?

There are lots of new information I gained from reading this book but as a tech-savvy, I also found many things discussed here I already knew. So how might this book benefit you in looking into the future will depend on your current knowledge. Nevertheless, this was an interesting read overall.

I have read an advanced copy of this book from NetGalley. The book is set to release in April 2018.

---

### **Ran says**

This work, organized and edited by British theoretical physicist Jim Al-Khalili, is a series of essays on what the future looks (possibly) like through experts in demographics, biosphere, climate change, medicine, genetic engineering, synthetic biology, transhumanism, IoT, cybersecurity, AI, quantum computing, smart materials, energy, transportation, and robotics. The last chapter focuses on the far future with thoughts on interstellar travel, teleportation, time travel, and the end of everything. It's basically a speculative fiction reader's honeypot but for its nonfiction designation.

I liked it so much I want to buy a copy - which says something for me because I usually borrow everything I read.

---

### **Robert Narojek says**

Excellent book ?

If you like since based future speculation it will be interesting. All of the authors are humble in making predictions, and at the same time show the inevitable change coming sooner or later. Definitely it is worth reading. It is worth to know what to expect within next few years and decades.

---

### **Lenore says**

While this book was very informational, some of the sections were quite boring. The authors tended to drag on and they often rambled about a topic that was already explained. However, many of the sections gave me a deeper understanding of how the world will change and even is changing currently. These sections were often well written, decently elaborated, and held the audience's attention through the facts. All in all, it was not horrid, but I do not think I will read another without probable cause.

---

### **Jay says**

I found this somewhat interesting. The book covered a good number of topics, and included near-future as well as far-future possibilities. If you read a lot of science non-fiction books and magazines like Wired, you've heard this before, especially the near-future concepts. I most liked the sections where the authors "let it ride" and speculated on the far future. You usually get those kinds of ideas and discussion only from science fiction books, and the prognostications are used to push the plot forward, usually without context. It is good to get a scientist's take – not just of what may happen, but why. This book does a reasonable job of that.

---

### **Jason says**

Loved his book about Aliens, I thought it was a brave topic to tackle academically. However, nothing new here for me.

Although, its good to know I'm up to speed on the general consensus for what may come next in the near future. I've read a lot of books in this genre, so this is mostly repetitive for me, but the authors writing style is compelling and uplifting.

I'm generally pretty optimistic about the future, although as history has taught us; human cultures only really change after feeling some pain. These books rarely talk about the pain of the future or human cultural entropy - and the possible homogenization of the human experience, if we don't leave Earth and DON'T become a multi-planetary species.

How will we possibly survive?

Michio Kaku's writing goes further and deeper.

---

### **Ailith Twinning says**

This is better than the Aliens collection by just being more interesting.

Anyway, collection of short essays on future stuff -- mostly a highly restrained version. Not bad, but not really book ready. Honestly, I'm generally not a fan of essay collections because they just don't get very deep into their territory. It's hard to even engage with most of it because you have to make too many inferences about missing information, unless you already have it and don't care to argue directly with the author themselves.

MEh. One of my biggest problems is that, for many arguments, the format goes "Given: A highly contentious and totally overconfident moral absolute we're not going to talk about" HEY! WAit! Stop! We need to talk about that "Given" dude! So I tend to just get annoyed or combative with a lot of what comes after because it's based on a premise that might be faulty, or a subjective moral judgement I find abhorrent.

---

But, to be honest, I find techno-libertarianism to be disturbing, reductionist, inhuman, inhumane, and evil. And almost all of Silicon Valley seem to be techno-libertarians.

Seriously, how didn't Star Trek make geeks less. . . cruel? You know what AI I want? A Picard bot that reviews books as Picard man.

---

### **Lauren James says**

I really enjoyed ALIENS, Jim Al-Khalili's last edited essay collection. This wasn't as enticing for me, as I think a lot of the ideas were already discussed in the last collection - it was about the likelihood of meeting aliens, but covered a lot of futurism topics at the same time. I do love the references in these books though, and always find lots of interesting things to read that I might not have stumbled across. A great general science non-fiction guide that will be a brilliant christmas present to any budding scientists or science fans.

---

### **? ? says**

"A lot of it isn't actionable.": It's a lot of it is thinking so far into a future we may not be alive to see. "It predicts more of the same.": A lot of it is just magnifying the impact of current technologies. "It' all tech.": Perhaps this is on me not reading the description carefully but the future is more than just about technology but also other subjects like politics, art, religion, etc. "Repetitive.": The articles are done by different authors and a lot of them repeated the same thing. "The articles contradicted.": It's expected when it's a work from different authors but it felt odd going through the book cover to cover.

---

### **Denise says**

This book is more quantity over quality in that it covers a large array of topics. A good premise to other books that are more specialized. Overall pretty interesting, though some of the essays are better done than others as is expected with curated collections such as this. I especially liked the section on solar power, clean energy, and electric cars.

---

### **Kelly Jones says**

Big topics tackled quite nicely by different scientists. Some make the future seem like a shit show, other show that hope remains in this digital chaos and climate changing world we find ourselves in.

---