

Curious2022 Book Recommendations

Speaker	Books
Chihaya Adachi	Physics of Organic Semiconductors Wolfgang Brütting, Chihaya Adachi, Wiley VCH, 2012
Anthony Atala	Regenerative Medicine Technology: On-A-Chip Applications for Disease Modeling, Drug Discovery and Personalized Medicine (Gene and Cell Therapy) Anthony Atala, Sean V Murphy, CRC Press, 2016
	Principles of Tissue Engineering Lanza, Langer, Vacanti, Atala, Academic Press / Elsevier, 2020
	Handbook of Tissue Engineering Scaffolds: Volume One Lanza, Langer, Vacanti, Atala, Elsevier, 2019
	Handbook of Tissue Engineering Scaffolds: Volume Two Lanza, Langer, Vacanti, Atala, Elsevier, 2019
Katja Becker	Wie viel Ethik braucht die Wissenschaft? Becker, KatjaEngelen, Eva-MariaVec, Miloš, Akademie Verlag / DeGruyter, 2003
Ulrich Betz	Curious2018 - Future Insights in Science and Technology Ulrich A.K. Betz, Springer, 2019
	Spells for the 21st Century Ulrich A.K. Betz, Dragana Savic, independently published, 2022
Ami Bhatt	Healthcare Information Technology for Cardiovascular Medicine: Telemedicine & Digital Health (Health Informatics) Ami Bhatt, Springer, 2021
	Adult Congenital Heart Disease in Clinical Practice Ami Bhatt, Springer, 2018
Joanna Bryson	Human-Centered Digitalization and Services Marja Toivonen, Eveliina Saari, Springer, 2019
George M Church	Regenes: How Synthetic Biology Will Reinvent Nature and Ourselves George M Church, Basic Books / Hachette, 2014
Peter Doherty	The Beginner's Guide to Winning the Nobel Prize Peter Doherty, Columbia University Press, 2006
	Pandemics: What Everyone Needs to Know Peter Doherty, Oxford University Press, 2013
Sandrine Dixon-Declève	Welche Welt für Morgen? Gespräch zwischen Generationen Sandrine Dixon-Declève, Nagel & Kimche, 2021

- Joachim Frank** **Single-particle Cryo-electron Microscopy: The Path Toward Atomic Resolution/ Selected Papers Of Joachim Frank With Commentaries**
Joachim Frank, World Scientific, 2018
- Dietmar Harhoff** **Revolutionizing Innovation: Users, Communities, and Open Innovation**
Dietmar Harhoff, MIT Press, 2016
- Linda A. Hill** **Collective Genius**
Linda A Hill, Harvard Business Press, 2014
- Rafael Laguna de la Vera** **Sprunginnovation: Wie wir mit Wissenschaft und Technik die Welt wieder in Balance bekommen | Antworten der Zukunft auf Klimawandel, Digitalisierung, Armut und Pandemien**
Rafael Laguna de la Vera, Econ, Ullstein, 2021
- Jean-Marie Lehn** **Supramolecular Chemistry: Concepts and Perspectives**
Jean-Marie Lehn, John Wiley & Sons, 1995
- Martin Rees** **The End of Astronauts: Why Robots Are the Future of Exploration**
Donald Goldsmith, Martin Rees, Harvard University Press, 2022
- Unsere Zukunft Perspektiven für die Menschheit**
Martin Rees, wbg theiss, 2020
- On the future**
Martin Rees, Princeton Univ. Press, 2018,
- Gravity's Fatal Attraction - Black Holes in the Universe**
Martin Rees, Cambridge University Press, 2020
- Universe - The Definitive Visual Guide**
Martin Rees, Dorling Kindersley Ltd, 2020
- Our Cosmic Habitat - New Edition**
Martin Rees, Princeton Univ. Press, 2017
- Vor dem Anfang - Eine Geschichte des Universums**
Martin Rees, S. Fischer, 2015
- From Here to Infinity: A Vision for the Future of Science**
Martin Rees, W. W. Norton & Company, 2012
- From Here to Infinity - Scientific Horizons**
Martin Rees, Profile Books, 2011
- Sara Seager** **Exoplanet Atmospheres - Physical Processes**
Sara Seager, Princeton Univ. Press, 2010
- Smith, George P.** **Dignity as a Human Right?**
Smith, George P., Lexington Books, 2018
- Stoddart, J. Fraser** **The Nature of the Mechanical Bond**
Bruns, Carson J. / Stoddart, J. Fraser, Wiley VCH, 2017

Leslie Valiant

Circuits of the Mind

Leslie Valiant, Oxford University Press, 2001

Probably Approximately Correct

Leslie Valiant, Basic Books, 2014

Harald zur Hausen

Infections Causing Human Cancer

Harald zur Hausen, Wiley VCH, 2010

Gegen Krebs - Die Geschichte einer provokanten Idee

Harald zur Hausen, Rowohlt, 2010

Otmar D. Wiestler

Cancer Stem Cells - Novel Concepts and Prospects for Tumor Therapy

Otmar D. Wiestler; Bernhard Haendler; D. Mumberg, Springer, 2014

Other

Artificial Intelligence

Russel; Norvig, Pearson, 2021

Ada und die Algorithmen

Stefan Buijsman, C. H. Beck, 2021

**Merck KGaA, Darmstadt,
Germany**

Merck - Von der Apotheke zum Weltkonzern

Carsten Burhop, Michael Kißener, Hermann Schäfer, Joachim Scholtyseck, C. H. Beck, 2018

Merck - From a Pharmacy to a Global Corporation

Carsten Burhop, Michael Kißener, Hermann Schäfer, Joachim Scholtyseck, C. H. Beck, 2018

Merck Innovation Center

HG Esch, Wasmuth Verlag, 2018