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The Cosmic Machine:
The Science That Runs Our Universe and the Story Behind It
By Scott Bembenek, PhD

Science is anything but boring...
A BEHIND THE SCENES, ENTERTAINING LOOK AT THE SCIENCE THAT MAKES
UP OUR EVERYDAY WORLD

“A superb resource for science fans or those struggling to understand the subject; an impressive fit in an age of Bill Nye and Neil deGrasse Tyson Web videos.” – Kirkus

Energy, entropy, atoms, and quantum mechanics form the very foundation of our universe – but few people know that much about them. Scientist Scott Bembenek, PhD, has set out to change that with his new book, ***The Cosmic Machine: The Science That Runs Our Universe and the Story Behind It***, which presents readers with some of the most fascinating and important scientific discoveries in history in an accessible and entertaining way.

Dr. Bembenek, who has a PhD in theoretical chemical physics and works as a principal scientist at Johnson & Johnson, wrote *The Cosmic Machine* after realizing a major stumbling block for science is that it is often presented in a confusing and boring way. He saw a need to make the most important parts of physics and chemistry more accessible to non-scientists, and even science enthusiasts. Through the weaving together of history, biography and scientific fact, *The Cosmic Machine* unpacks some of the most intriguing discoveries in science of all time, in a straightforward, fun manner.

The Cosmic Machine takes readers from the earliest scientific inquiries in human history on a journey in search of the answers to key questions like: how do energy, entropy, atoms, and quantum mechanics govern the world we live in? What was the difficult path to their discovery? Who were the key players who struggled to shape our current understanding of how the universe works? The unique blend of science, history, and biographies provides an easy-to-understand account without sacrificing the actual science itself.

The Cosmic Machine aims to not only engage, enlighten and entertain readers, but inspire a passion and curiosity for the world around us all.

Dr. Scott Bembenek received his PhD with honors in theoretical chemical physics from the University of Kansas in Lawrence. Thereafter, he was awarded a National Research Council Fellowship, and joined the Army Research Laboratory in Aberdeen, MD. Currently, he is a principal scientist in the Computer-Aided Drug Discovery group at Johnson & Johnson Pharmaceutical Research & Development in San Diego.

Dr. Bembenek has made substantial contributions to the areas of statistical mechanics, kinetic theory, glass theory, liquid dynamics, and computational drug discovery, with his work appearing in several [scientific journals](#).

Dr. Bembenek is passionate about making the major aspects of physics and chemistry more tractable to non-scientists, and in doing so, to spark an interest – or even more so – an excitement for science in general.

To learn more about Dr. Bembenek and his work, visit <http://scottbembenek.com> and connect with him on [Twitter](#).

***The Cosmic Machine* releases August, 2017 and will be available for order on Amazon, Barnes & Noble, and in select bookstores.**

REVIEW COPIES OF *The Cosmic Machine* ARE AVAILABLE UPON REQUEST

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