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Per Arne Bjørkum

Creativity in Science



Creativity in Science offers a fascinating journey into the history of creativity. It tells the stories of those innovators who had the courage to challenge established truths and perceptions, and who thereby brought about some of the most important advances in the history of science. The book examines how these figures thought, their struggles and passions, their disappointments and joys.

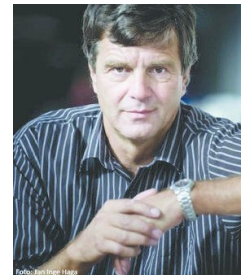
Creativity in Science also describes the creative processes necessary to discover new scientific laws and construct new theories about the nature of reality. It discusses how new ideas arise and explains how scientific theories are constructed, established and tested on the basis of these ideas.

This is a book for everyone with an interest in scientific thinking and its significance for the development of modern society. With an abundance of interesting stories and anecdotes, it shows us that natural science can be very entertaining reading!

The creative thinkers: Niels Henrik Abel, Thomas Aquinas, Aristoteles, Arkimedes, René Descartes, Thomas Alva Edison, Albert Einstein, Galileo Galilei, Carl Friedrich Gauss, Thor Heyerdahl, Immanuel Kant, Johannes Kepler, Søren A. Kierkegaard, Thomas Samuel Kuhn, Leonardo da Vinci, Niccòlo Machiavelli, Karl Marx, Sir Isaac Newton, Platon, Karl Raimond Popper, Jean-Paul Sartre, Erwin Schrödinger, Hans Skjervheim, Nikola Tesla, Voltaire and more ...

Per Arne Bjørkum

Per Arne Bjørkum, PhD, is Associate Professor of Geology at the University of Stavanger and NTNU, where he teaches philosophy and history of science and technology. He has been Chief Scientist at Statoil ASA, where he is now employed as a researcher.



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