

bohr model argon

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Niels Bohr - Wikipedia

Bohr founded the Institute of Theoretical Physics at the University of Copenhagen, now known as the Niels Bohr Institute, which opened in 1920. Bohr mentored and collaborated with physicists including Hans Kramers, Oskar Klein, George de Hevesy, and Werner Heisenberg.

Niels Bohr | Biography, Education, Accomplishments, & Facts - Britannica

Niels Bohr, Danish physicist who is generally regarded as one of the foremost physicists of the 20th century. He was the first to apply the quantum concept to the problem of atomic and molecular structure. For that work he received the Nobel Prize for Physics in 1922.

Niels Bohr - Biographical - NobelPrize.org

Recognition of his work on the structure of atoms came with the award of the Nobel Prize for 1922. Bohr's activities in his Institute were since 1930 more and more directed to research on the constitution of the atomic nuclei, and of their transmutations and disintegrations.

Niels Bohr: biography, science work and life - ABOUT SCIENCE

But in many ways, Niels Bohr was the more important architect of our modern world. While Einstein was the solitary genius, Bohr was the 'Godfather'—the man who built the family that uncovered the quantum universe.

Niels Bohr - Atomic Theory, Model & Quotes - Biography

Niels Bohr was a Nobel Prize-winning physicist and humanitarian whose revolutionary theories on atomic structures helped shape research worldwide.

Bohr Model - Physics Book

The Bohr model of the atom was proposed by Niels Bohr in 1913 as an expansion on and correction of the Rutherford model. His model depicted atoms as having negatively charged electrons which orbited a small, positively charged nuclei containing most of the atom's mass, as Rutherford had done.

Biography - Niels Bohr

In 1913, Bohr proposed his revolutionary model, suggesting that electrons orbit the nucleus in discrete energy levels or "shells." This model explained why atoms emitted light in specific

wavelengths when electrons transitioned between these orbits.

Niels Bohr - Important Scientists - Physics of the Universe

Bohr, along with John Wheeler, developed the “liquid-drop” model of the atomic nucleus (so called because it likened the nucleus to a droplet of liquid), first proposed by George Gamow.

Niels Bohr: Biography & Atomic Theory - Live Science

Combining Rutherford's description of the nucleus and Planck's theory about quanta, Bohr explained what happens inside an atom and developed a picture of atomic structure. This work earned him a...

A Science Odyssey: People and Discoveries: Niels Bohr - PBS

Niels Bohr was born and educated in Copenhagen, Denmark. He lived, worked, and died there, too. But his mark on science and history was worldwide. His professional work and personal convictions...