

International Conference on Applied Physics and EngineeringOzen Ozer

Market Analysis

[Material physics](#) is intended for technical and practical use. Material physics is established in the basic certainties and essential ideas of the Physical sciences and it utilizes the scientific principles in practical devices and in other related areas such as Lasers, Optics, Semiconductor devices and Nanophonics. Demand for Physics is always there in the market because of its applications.

According to the [Engineering Technologies](#) – 2018-2024 report, the global market will grow at a CAGR of 24.6% throughout 2018-2024. During 2017 Engineering technologies performance has increased at an impressive rate; we forecast that 2019-2020 will experience a surge of breakthroughs.

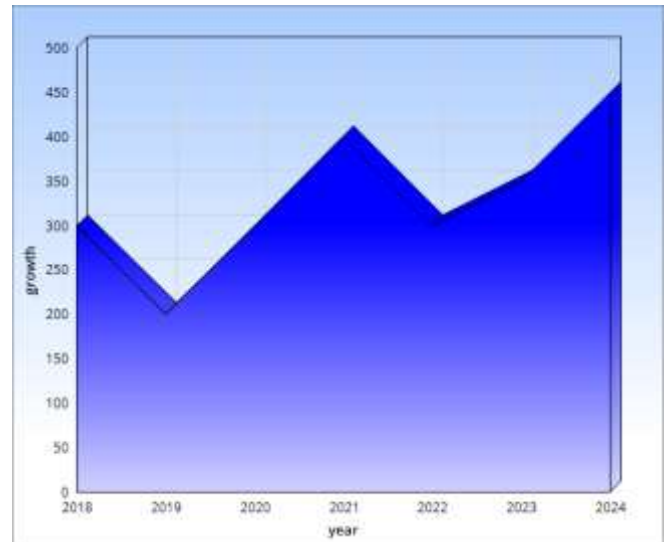
According to the new market research report on "Type Application of physics like (Optical communication & laser processing), Vertical (Commercial, Telecom, Research, Defence, Medical, Automotive, Electronics, & Industrial), & Geography - Global Forecast to 2022", this market is expected to be valued at USD 15.38 Billion by 2022, at a CAGR of 5.2% between 2017 and 2022. The major factors driving the growth of physics include increasing demand from the healthcare sector, environmental sector, financial sector and shift towards production of nano and micro devices, and enhanced performance over the traditional material processing techniques.

[Atomic Physics](#) systems has been increasing due to the developing necessities of the industries as well as the substantial demand. Atomic Physics market is estimated to reach USD 5.60 Billion by 2022, rising at a CAGR of 6.0% through the calculation period of 2019 to 2022. North America probably has the largest share, in the upcoming years; the atomic physics market is expected to see the maximum growth rate in the Asia-Pacific region, with accent on India, China and Japan. Some of the key players in the global atomic physics market comprise Agilent Technologies (U.S.), PerkinElmer (U.S.), Thermo Fisher Scientific (U.S.) and Bruker Corporation (U.S.).

[Nuclear Physics](#) is used to define, describe and forecast the market based on process, end users and region. Nuclear Physics market is expected to reach USD 2.85 Billion by 2021 from USD 2.25 Billion in 2016, mounting at a CAGR of 4.8% through the calculation period of 2018 to 2022. We can analyze the size of the nuclear physics market with respect to four main regions i.e., North America, Europe, Asia-Pacific and the Rest of the World. It provides the complete details of the competitive landscape for the market leaders for the opportunities of stakeholders.

In the past market analysis, it was suggested that the worldwide market for Physics was expected to reach around \$3.4 billion by 2019. As indicated by later gauges by market forecasters BCC research, the global market for Physics based industries was worth significantly more, about \$4.3 billion more in 2018 and is expected to increase around \$6.2 billion by 2022, proportionate to the annual growth of 7.7%. Extending applications in the Cardiac, Breast MRI and Neurologic

areas are expected to drive the world market which was anticipated to increase from \$770 million in 2018 to reach around \$1.2 billion by 2020 which is equivalent to yearly development 9.3% a year.



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