
Nacer Awad, O. (2018). *Technological Adventure: Contact with tomorrow*. Havana: Scientist –Technic.

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Received: December 20, 2018

Accepted: February 15, 2019

In the last decade we have seen how technologies have evolved in an impressive way, their time of implementation, adaptation, and appearance is so rapid that in an important group of countries it is ahead of their knowledge, the opportunities and benefits they offer to society they are undeniable and numerous, however, together with their dissimilar questions, it creates their prospects for development in the short, medium and long term, an aspect that gains ground in the debates on these issues in all areas of society.

On this particular, he made a very successful approach Orlando Nacer Awad in his book *Technological Adventure: Contact with tomorrow*, published by the Scientific-Technical publishing house in 2018. In his prologue Dr.C. José Miguel Marín Antuña Full Professor and Emeritus of the University of Havana reports:

(...) The edition of this book offers technology lovers the possibility of knowing in a pleasant way, through a quick and interesting reading, their development and progress at present, summarized in an objective way, showing hopes and expectations of their development. It recreates us in the world of the most current technology of the present, while entering into thresholds of the technology of the future. (Marín, 2018)

Orlando Nacer Awad is an engineering graduate in Metallurgy (1966), began his professional activity in Antillana de Acero, later joined the Development Commission of the North East. He has developed several investigations in the branches of industry and technology specifically in steel where he holds a patent for steel processes certified in the Invention Patent Registry. He currently works as a consultant in the Ministry of Industries, project manager in Acimox Engineering and in

the National Design Office (ONDI). He has published several articles in national and foreign specialized magazines, with broad participation in national and international organizations and events. Author of the works: *High technology: New power* (2011) and *Millennium Technologies: The power of the future* (2013).

On this occasion he presents a work that offers relevant information about technologies, achieving a real and objective analysis very affordable, taking as reference consultations made to sources of proven prestige, so the book is the result of an arduous research task.

In the first chapter *Renewable and alternative energies* as its name indicates the author brings us to the important topic of renewable energies in a wide spectrum of topics that includes solar energy, wind technology, hydraulic energy, biomass as an energy resource, geothermal, and nuclear energy, performing an analysis of its background, progress and current development, analyzing it from the perspective of its social impact.

In the second chapter *Cumulative energy devices related to alternative energies and their storage*, we present a study on lithium-ion batteries, supercapacitors, fuel cells and cells. In this section also specific on a wide range of materials with significant impact on current technologies such as silicon, gallium, tantalum, cadmium, hydrogen, lithium, uranium and plutonium, describing its main characteristics.

In the third chapter, *Recycling Technologies* presents in a synthesized way the cycle of treatment of materials for recycling, both of garbage in general, as of plastics, metals, glass, paper and cardboard, tires and mineral waste, emphasizing the usefulness of the recycling activity, joining the international campaign for the improvement of the environment.

In the fourth chapter *New materials from carbon and polymers* ventures into the expectations of technological development from the use of these materials (Carbon Fiber, Graphene, Kevlar, Neoprene, Teflon, Zylon) detailing the ways to obtain them, as well as its possible practical applications.

In the fifth and final chapter *Superconductivity* explains the properties of certain materials of not resisting the flow of electric current (such as Coltan), its main characteristics, its discovery and its applications. This section lists the main companies and laboratories that have undertaken projects related to superconductivity.

Around the development of technology there is still much to discover, to explain, this book is a significant contribution in the effort to bring researchers to complex technological issues, but easily

understood, here is their great achievement, regardless of the above, The absence of the treatment of advances in artificial intelligence and its incidence in all branches of emerging technologies is manifested, an aspect of unquestionable weight today.

Another significant aspect of the book is its possible use as a reference material in universities, specifically in engineering careers, the information offered in this volume is very useful, as it allows an update in the knowledge of the processes of innovation regarding the use of technologies, at a crucial time for the launch of a wide application of them in Cuban society.