

International Conference and Exhibition on **Satellite**

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Surveying the historical development of new wave of Satellite Technology Systems

The use of satellites to move information is not a new technology. The launch of Sputnik I in October 1957 by the Soviet Union led directly to many new developments in scientific and military fields, including the foundations of NASA and The Space Act. Ever since its early stages of development, the satellite has now become an increasingly important and heavily relied-on technology in our society today. They provide direct communication over large distances anywhere around the world. Satellites can deliver bandwidth speeds up to 155 megabits per second, thus allowing companies to use high bandwidth applications such as streaming data or video and web casting. And because there are no cables between links, information can be shared with the most remote, hard to reach areas of the world. There are many different kinds of satellites that are used every day. One type of satellite is weather satellite. Tiros1 was the first weather satellite which was able to send pictures of clouds to the earth. Another kind of satellite is a navigation satellite. Telstar 1, launched on July 10, 1962, by the American Telephone and Telegraph Company, was the first active satellite capable of transmitting telephone conversations, television pictures, and telephoto microwaves. Syncom 2, launched by NASA in 1963, was the first synchronous communication satellite, while Syncom 3, launched a year later, relayed the first trans-Pacific television pictures. The presentation will focus on the trend of development and emergence of man-made satellite system from inception until now; and its thrust into being an integral part of everyday life.

Biography

David Olowokere has received his PhD degree from the State University of New York in Buffalo NY and he currently heads the engineering programs at Texas Southern University, Houston, Texas (TSU). He has served as Principal Investigator for research grants from several organizations including US National Science Foundation, NASA, US Department of Energy and the US Department of Defense. His publications have appeared in several peer-reviewed journals, and he has made presentations in numerous conferences, workshops and symposia worldwide in the general area of engineering education, engineering management and information technology.

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