

# International Conference and Exhibition on **Satellite**

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## Types of satellites and applications

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This research is about Types of satellites and their applications, explaining the meaning of the word “Satellite” and the basic components of a satellite, how satellites transmits signals from Earth and back with the use of a transponder, and how scientists get information by the pictures taken by the cameras and sensors. In most of the Satellites, they take pictures of other planets, the sun etc. Satellites are launched into space by rockets. Satellites orbit Earth at different heights, at different speeds and along different paths. The two most common types of orbit are Geostationary and Polar, explained further on this. I also mentioned and explained different types of Satellites and their use on Earth, e.g., Astronomical Satellites, Biosatellites, Communication Satellites etc. I have also attached pictures of different types of Satellites, concluded with improvements, importance and down fall/ disadvantages of Satellites and the solutions which are under process to attend to such problems, for example NASA is in the process of designing and building a Robot to assist with Satellite repairs in space.

## Biography

Sipho Mkhabela has completed Foundation Degree Aeronautical Engineering from Farnborough College of Technology (Degree awarded by Surrey University) United Kingdom. He was awarded best student in Mathematics, and worked as an engineer at Cennox Plc. He is also a member of the Royal Aeronautical Society, London UK.

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