

## ***Dror Sadeh – Scientist and Artist***

***“Imagination is more important than knowledge”.***  
**Albert Einstein**



Professor ***Dror Sadeh*** of Tel Aviv University was one of Israel’s most renowned scientists. His well-earned reputation was based especially on the wide range of his scientific and interdisciplinary activities with a particular interest in the field of space.

Born in 1932, he was educated in Israel, earning his master of Science Degree at the Hebrew University of Jerusalem in 1955 and his Doctorate with exceptional honors in Nuclear Physics at the Sorbonne in 1960. After carrying out important research in this field at the Weizmann Institute, he later became involved in x-ray astronomy at the Naval Research Laboratory in Washington, D.C. There he focused on the development of accurate time measurements and the search for pulsars and bursters. Among his notable writings were those on what was termed an “elegant study” published in the Berkeley Annals that proved for the first time the validity of Albert Einstein’s velocity of light theory.

***Dror Sadeh*** was polymath. While at MIT, he developed an electrocardiograph machine which could predict a person’s potential for heart disease. He was a director of the Ruth and Albert Abramson Center for Medical Physics at Tel Aviv University, and continued to diversify into a large number of bio-medical research projects. Dror also headed Israel’s Wise Observatory in the Negev. He wrote numerous papers in a wide variety of fields and many articles for the daily press, and had a reputation as an excellent lecturer. He made space science known to the Israeli public in plentiful lectures and popular articles, as well as in a book “Black Holes and White Dwarfs”.

His name was honored by Tel Aviv University in the establishment of a 17 year Astro-physics Olympiada for Israeli High-school students. His home is full of different works of art made by him from various materials and components. He successfully combined science, technology and art. Professor Dror Sadeh died of cancer in 1993.

