



**Dr. Sadeg M. Faris**  
**Founder, Chairman and CEO**  
**Reveo, Inc.**

Sadeg M. Faris, Ph.D. is a world-renowned technologist and entrepreneur, and is well known for his contributions to the field of superconductivity, electro-optics, energy, water technologies, and advanced imaging. Dr. Faris embodies the soul of the consummate inventor as well as the quintessential entrepreneur, with 600 patents issued and pending and founded 9 entrepreneurial companies, commercializing products harnessing the frontiers of science and technology. He published over 50 science and technology articles. Dr. Faris is also the originator and inventor of the InventQbation Business Model, now acknowledged as highly effective means of achieving Technology Sovereignty. He is often invited to give lectures on this subject and the subject of Technology Colonization, Globalization by Localization and Energy Sovereignty. His audiences have been government and business leaders, most recently, Japan, China, India, Malaysia, Vietnam, African Union and the Middle East.

**At U.C. Berkeley**

Dr. Faris received his B.S., M.S., and Ph.D. degrees in 1969, 1971 and 1976 in Electrical Engineering and Computer Sciences, from the University of California, Berkeley. Prior to the invention of the STM for his Ph.D. thesis, Dr. Faris used <5 nm tips of tungsten to build a continuous wave and picosecond-pulse point contact laser detector. He made experimental and theoretical contributions elucidating the role of quantum mechanical tunneling mechanism being responsible for the femtosecond speed of response and other interesting phenomena displayed by the point contact device.

**Current Interest**

His present interests include: Ultrafast Omni-Molecular Recognition and Applications, DNA sequencing; water technologies; advanced energy technologies, solar, wind, and metal fuel cells; 3D stereoscopic imaging; 3D farming for 10X yield improvement; nanolithography; and 3D integrated circuits .

**At Reveo, Inc**

Dr. Faris is the Founder, Chairman and Chief Executive Office of Reveo, [www.reveo.com](http://www.reveo.com). His mission is to solve problems for humanity harnessing the frontiers of science and technology to develop and commercialize products. His proven track record enabled him to attract highly talented scientists and engineers to Reveo as well as funding from government agencies and investors. The company has built technology infrastructure and presently employs a team of talented scientists, engineers and business leaders dedicated to inventing new technologies and bringing them to market. The Reveo family has offices and laboratories in New York, California, Taiwan and Malaysia: [www.chelix.com](http://www.chelix.com); [www.evionyx.com](http://www.evionyx.com); [www.vrex.com](http://www.vrex.com); [www.xellerion.com](http://www.xellerion.com);

### At Hypres, Inc

In April, 1983, he founded Hypres, Inc. of Elmsford, NY. [www.hypres.com](http://www.hypres.com) As President, CEO and chief technical leader, Faris led Hypres and its development of products. He established the world's first commercial superconducting IC Fabrication Facility and foundry service to produce integrated-circuit chips and used them in several products. Two Hypres measurement oscilloscope products, the PSP 1000 and PSP 750, hold records for being the fastest and most sensitive products of their kind currently on the market. The products have won several industry awards.

### At IBM

Prior to founding Hypres, Dr. Faris worked at the IBM T.J. Watson Research Center in that company's effort to develop an ultra-high-performance computer based on superconducting technology. As a prolific inventor and problem solver there, Dr. Faris was also involved with designing, fabricating, and testing ultra-fast devices and integrated circuits for logic and memory. He received seven Invention Achievement Awards, an Outstanding Innovation Award for investing the fastest oscilloscope, and the 1983 Invention of the Year from IBM for inventing the Quiteron, the superconducting transistor.



“...one of the most creative, technical inventors I’ve ever met.”  
—Thomas Everhart, former President of  
California Institute of Technology

“Dr. Faris exhibits, in my view, not only the genius of invention, but also the energy and drive of an executive who will run a corporation and who will grow it and make something great out of it” —Roland Schmitt, President Emeritus of Rensselaer Polytechnic Institute, Former CTO General Electric Central Research and Development Laboratory

“Dr Faris a great inventor has the ambitions to do great things—and he can be an Edison—maybe even an Einstein...” —Dr. Mahathir Bin Mohamed, Former PM Malaysia