

# FUTURE *by* DESIGN

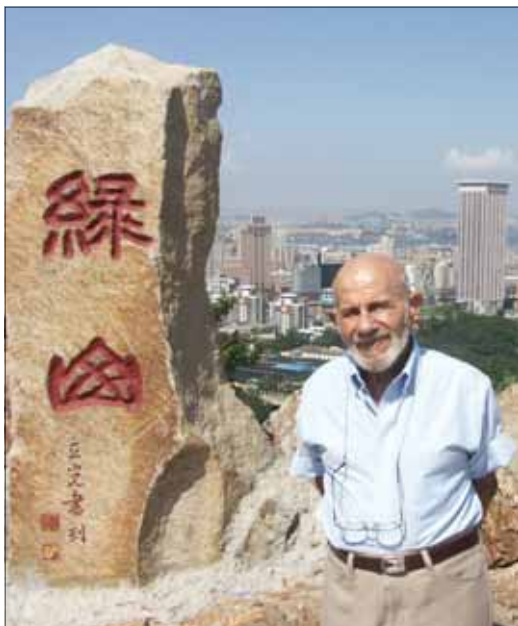
JACQUE FRESCO — A MODERN-DAY DA VINCI

*Future by Design* is a documentary film by Academy Award® nominated filmmaker William Gazecki, sharing the life and far-reaching vision of Jacque Fresco, a modern day Da Vinci. Peer to Einstein and Buckminster Fuller, Jacque is a self-taught futurist who describes himself most often as a multi-disciplinarian or “generalist” -- a student of many inter-related fields. He is a prolific inventor, having spent his entire life (he is now 89 years old) conceiving of and devising inventions on various scales which entail the use of innovative technology.

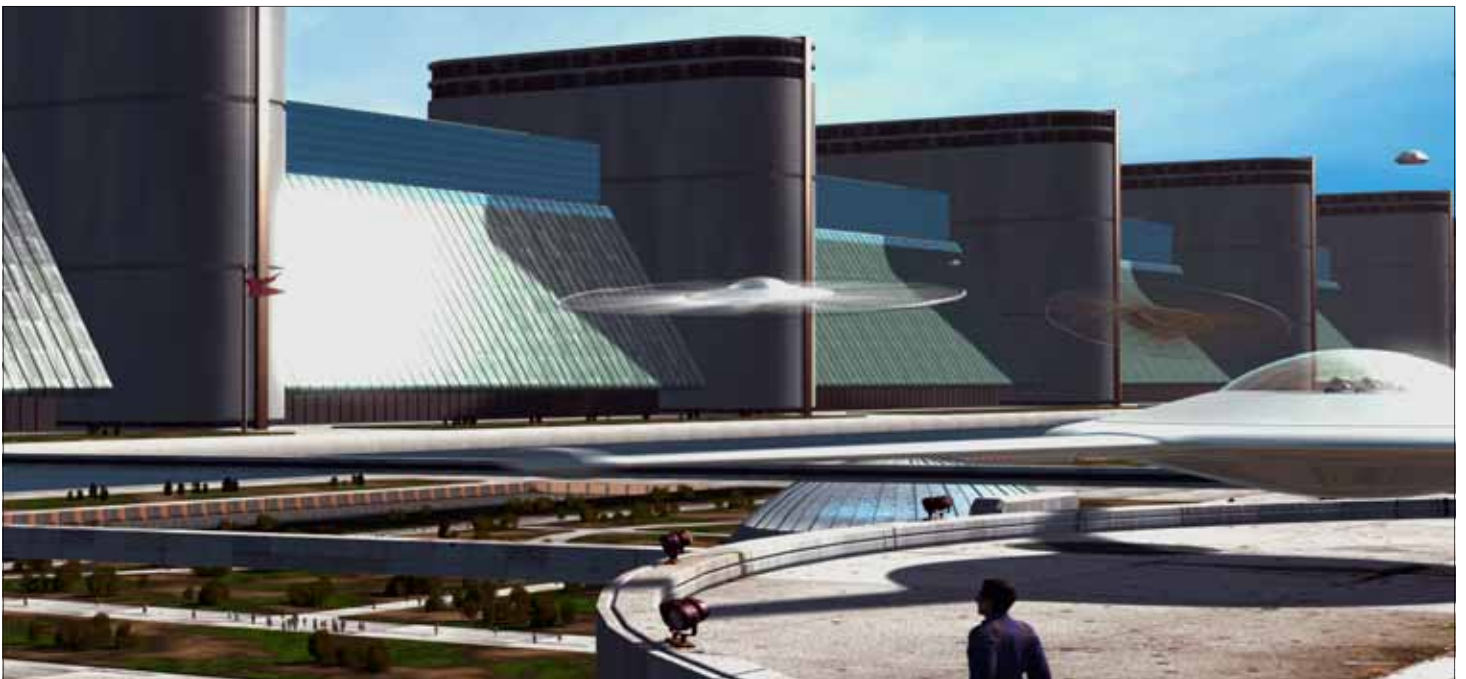
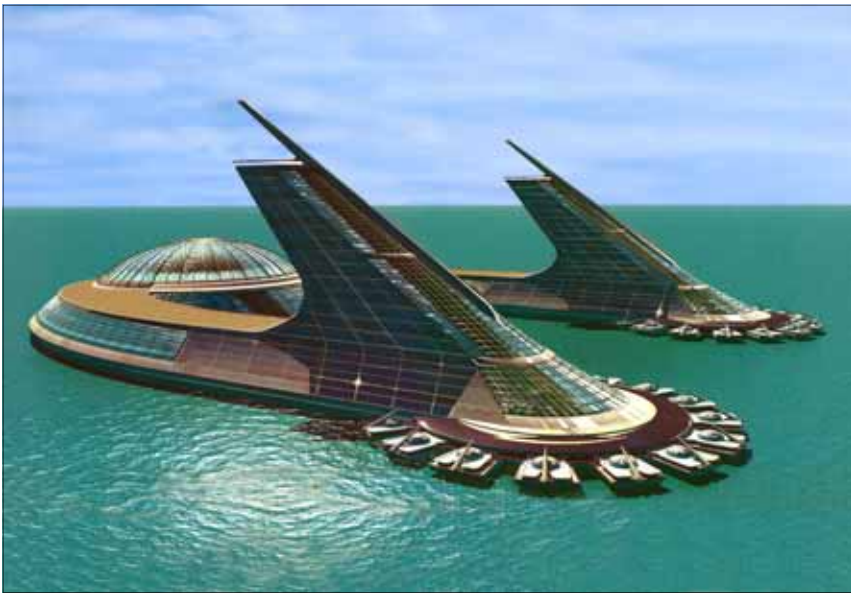
The film explores Fresco’s world of the future, where scientific method, not politics, rules world operations, and all human activities and efforts are directed towards achieving dynamic equilibrium between man and nature.

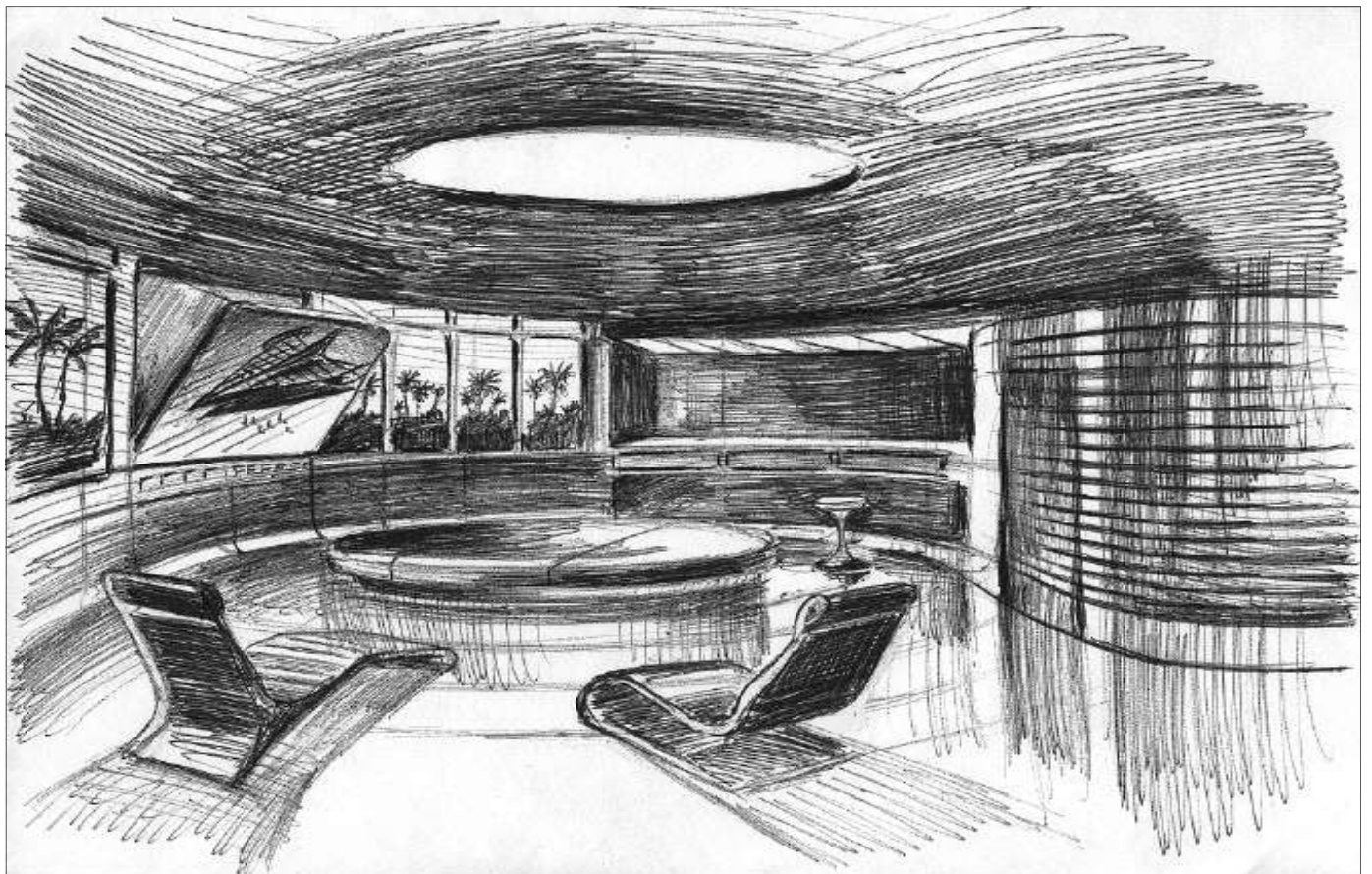
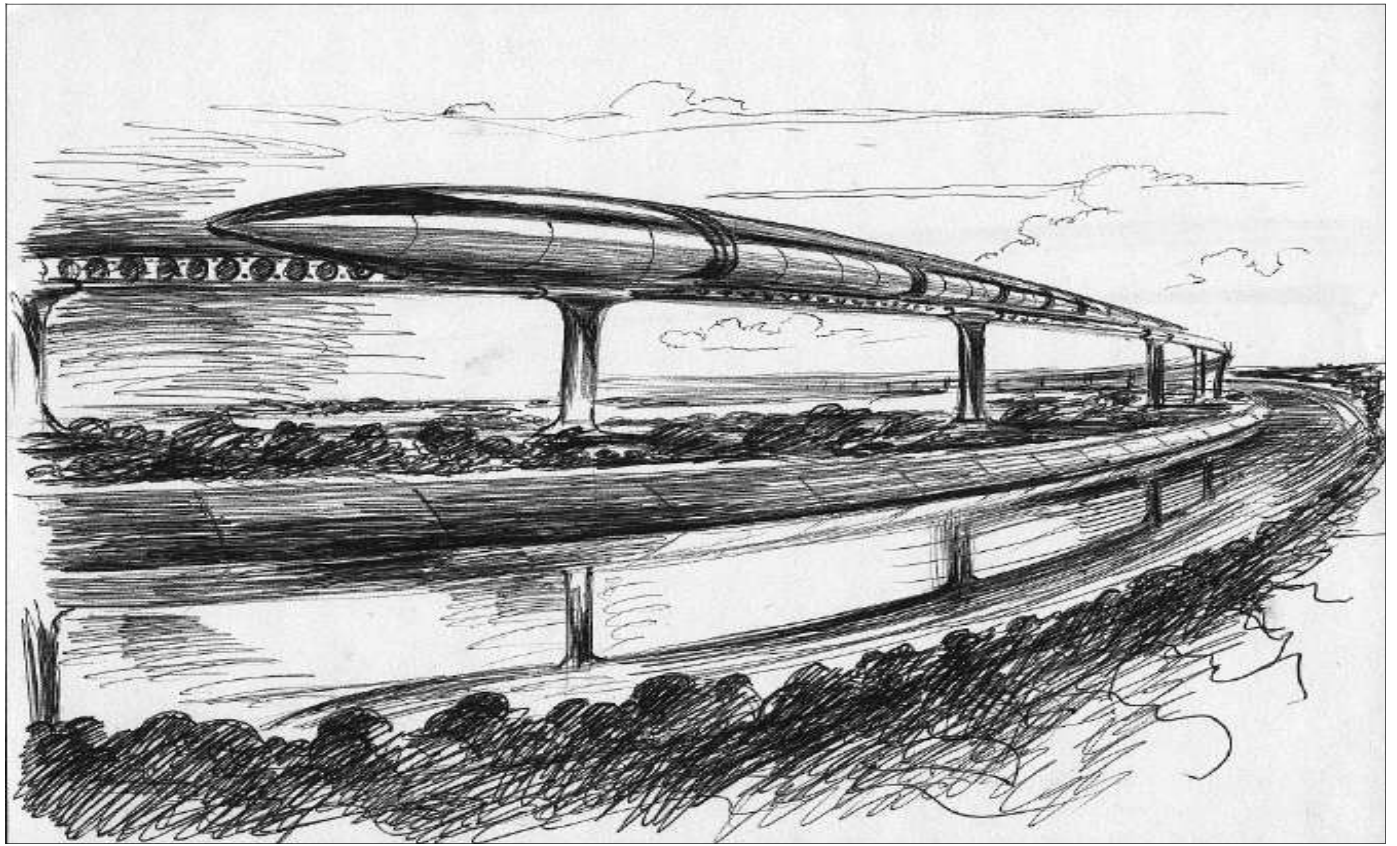
*Future by Design* is a visually and intellectually engaging exploration of one man’s vision of a future where war is outdated, there is no shortage of any necessary resource, and our focus as a species is sustainability. But far from presenting a vision of Utopia, this documentary demonstrates a “possible future” -- with real and viable alternatives to our current paradigm of militarism and commercialism.

Jacque Fresco is an outspoken and immediately likable character who’s radical and sometimes irreverent ideas are sure to draw both praise and controversy.

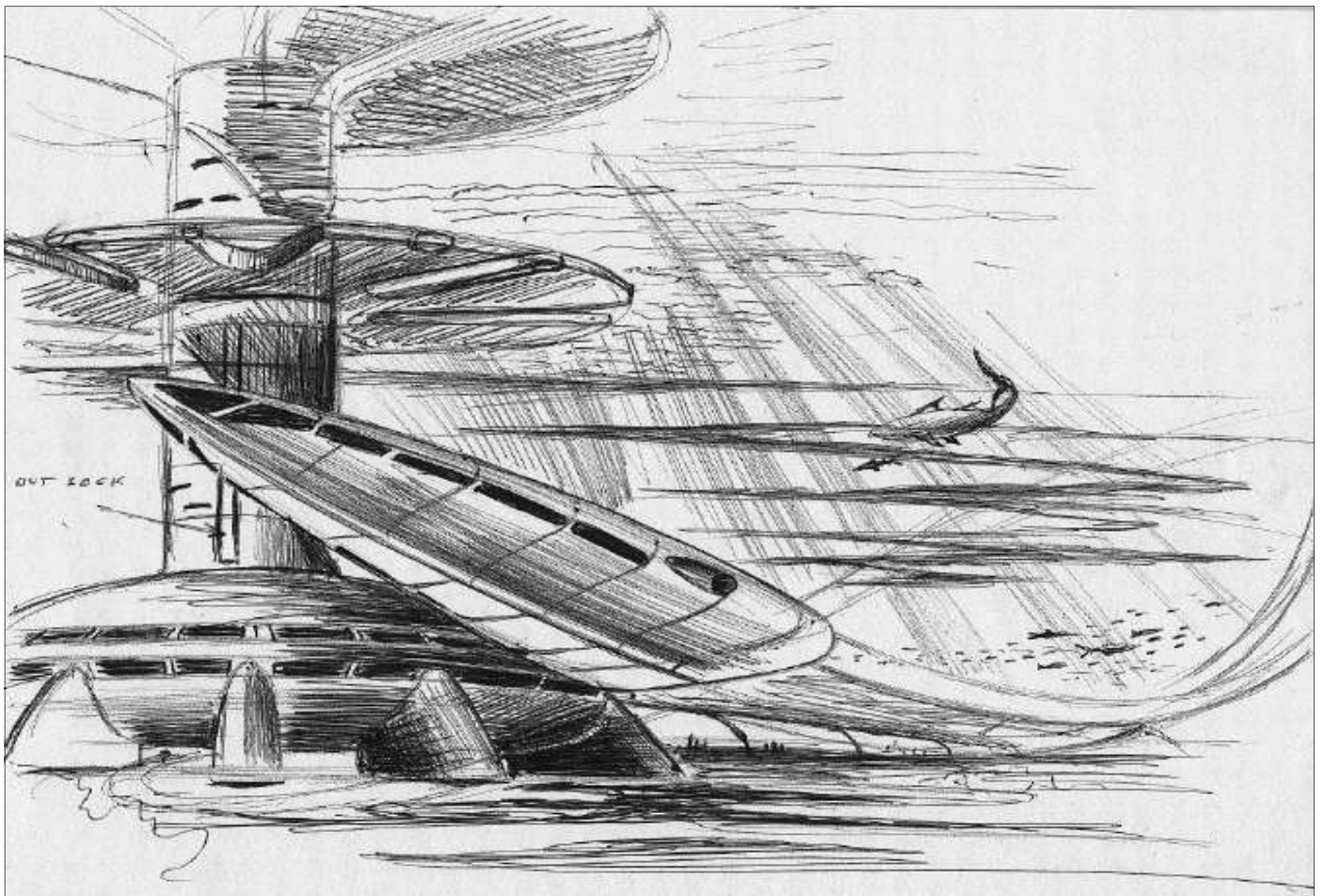
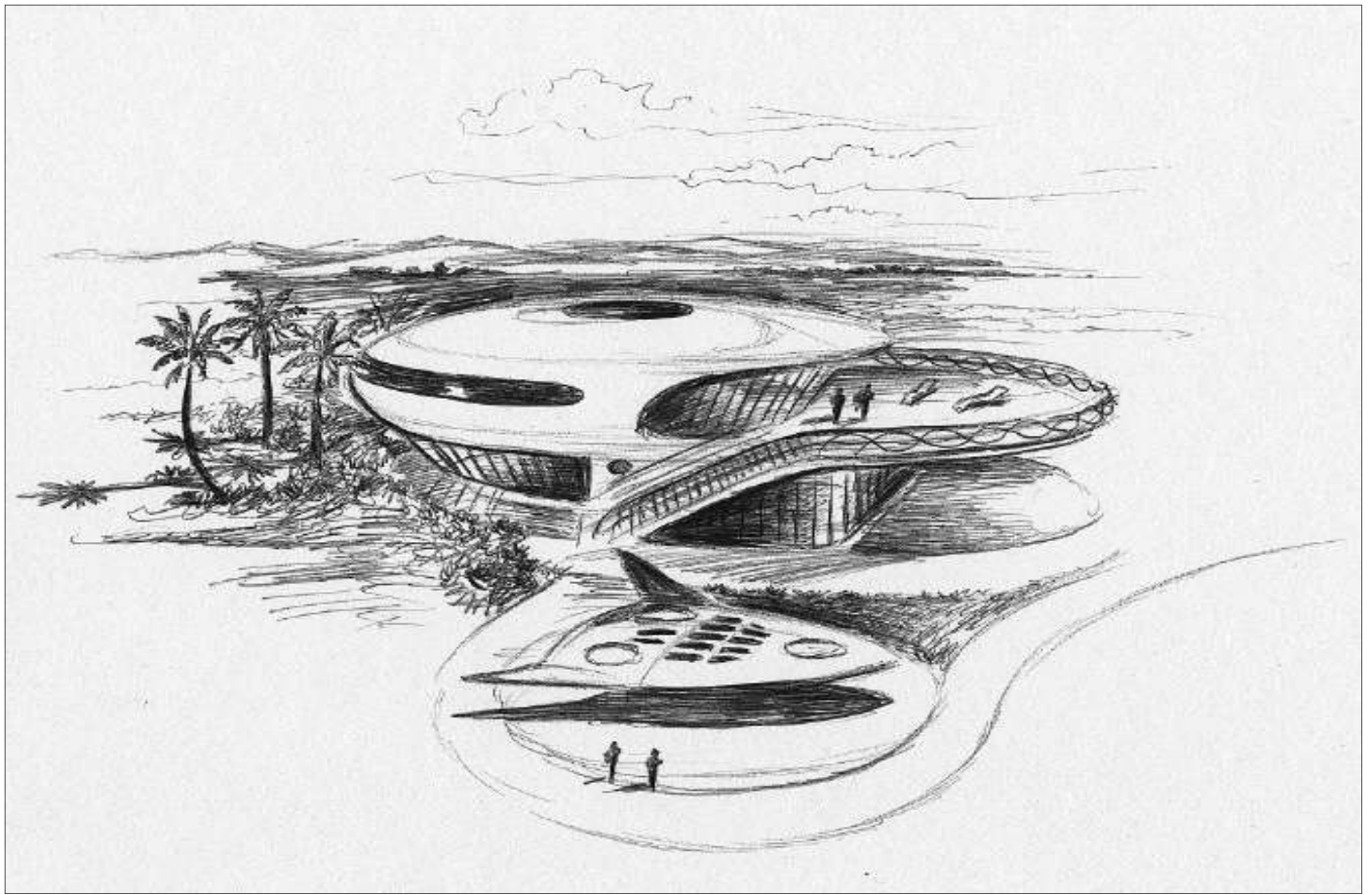












## BIO

### William Gazecki -- *Director / Producer*

As a documentary filmmaker, William has been awarded the **International Documentary Association's Distinguished Documentary Achievement Award**. His film *WACO: The Rules of Engagement* premiered at the **Sundance Film Festival** and won awards at both the **Atlanta Film Festival** and the **Charleston International Film Festival**. Most notable is the film's **Academy Award** nomination, followed by an **Emmy Award** for **Outstanding Investigative Journalism**. His film *Reckless Indifference* won a **Golden Satellite Award** from the **International Press Academy**.

Gazecki came to documentary filmmaking in 1991 after a multiple **Emmy Award-winning** career in sound mixing for television, film, and record production (*The Rose*, *Hill Street Blues*, *St. Elsewhere*, etc.). Other recognitions of excellence in sound mixing include honors from both the **Cinema Audio Society** and the **Society of Motion Picture Sound Editors**, and several **Gold** and **Platinum** albums.

Early projects such as *Technical Remote Viewing* and *Natural Solutions* set Gazecki apart as an outspoken and un-intimidated purveyor of the expose long before such endeavors were en vogue. *Natural Solutions*, which aired on PBS in 1993, impacted then-pending legislation attempting to limit public access to vitamins and health food supplements.

Gazecki's recently completed feature film (June, 2005), *Future by Design*, shares the life and vision of modern-day Da Vinci, Jacque Fresco. The film will be shown at several prestigious film festivals through early 2006. Latest theatrical release (August, 2002), *Crop Circles: Quest for Truth*, examines the mysterious, world-wide crop circle phenomenon [winner of the **Best Documentary** award at the **Thomas Edison Film Festival**]. Current DVD release (April, 2004), *Invisible Ballots*, a critical examination of the controversial issues surrounding electronic voting technology, has shown throughout the U.S. as part of the grassroots **Take Back Democracy Film Festival**. Currently in production are three films: *Energy from the Vacuum*, exploring the life's work of genius physicist Tom Bearden, *Mentoring*, which will showcase the highly successful mentoring program of prestigious non-profit organization, The Fulfillment Fund, and the *History of the Screen Actors Guild*.

Gazecki's films are a place where people can go to obtain not just information, but human understanding. Preferring to provide insight and awareness through his films, Gazecki seeks to impart knowledge, recognizing the difference between mundane facts and creating an inspired learning experience. Each of project displays a cohesive and honorable theme – reflecting his desire to improve the lot of humanity and improve the quality of life.

## BIO

### **Jacque Fresco -- *Futurist / Inventor***

Jacque Fresco has been envisioning the future for almost a century. An industrial designer and social engineer, he has worked as both innovator and inventor in a wide range of fields spanning aerospace, medicine, architecture, automotive design, psychology and much more. He is the founder of the Venus Project (formerly Sociocyberneering, Inc.), a twenty-five acre research facility in Venus, Florida -- the function of which is to prepare approaches and solutions to major problems that confront the world today. The Venus Project represents the culmination of Fresco's life work: the integration of the best of science and technology into a comprehensive plan for a society based on human and environmental concern.

Fresco's talents can only be described as prolific. His accomplishments include a tenure as design consultant for Rotor Craft Helicopter Company, service in the Army Design and Development Unit at Wright Field, and a position as Research Engineer for Raymond De-Icer Corp. He was a technical consultant to the motion picture industry, and also worked on the film *The Magic Eye*, which won the Robert J. Flaherty Award for creative film documentary. He also has taught industrial design at the Art Center School in Los Angeles. He has authored seven books and has written and published numerous articles throughout the world. In addition, he has successfully produced and filmed four educational videos about the future that are distributed to high schools, colleges and libraries worldwide.

Jacque has been a guest lecturer at many institutions of higher learning. His presentations enable a non-technical audience to grasp the significance of complex social and technical innovations. He has addressed students at the University of Miami, Princeton University (where he addressed the Department of Sociology with the subject "Sociology of the Future"), University of Southern California, Dade Junior College, Queens College, Presbyterian College, University of Southern Florida, Nichols College, Columbia University, Instituto Tecnológico de Estudios Superiores de Monterrey in Monterrey, Mexico and others. He and Ralph Nader were featured guest lecturers at the University of South Florida. Along with the well-known scientist Margaret Mead, he was extended an invitation to address the college environment conference in Washington, DC. He has been a guest speaker for the Tenth Symposium for the Civil Engineering Department of TEC de Monterrey University in Monterrey, Mexico (Latin America's top rated college), The Utopian Studies Conference in Orlando, FL, and an active participant in discussions at the Center for the Study of Democratic Institutions in Santa Barbara, California.

In all of his dealings with the public, Jacque attempts to illuminate the causes of our current social ills and outline a wide range of constructive alternatives. He does this by presenting a redesign of our culture, one that would emphasize the intelligent use of science and technology to enhance the lives of all people. Infused within everything he does is his desire to share his global vision of hope for the future of humankind in our technological age.

***Future by Design***  
*a Film by William Gazecki*

*Future by Design* is about the life story of Jacque Fresco. Jacque can be best described as a self-taught futurist. He describes himself most often as a “generalist”- meaning, a multi-disciplinarian, a student of many inter-related fields. His areas of focus and interest span many disciplines: architecture, technology, systems engineering, urban planning, sociology, psychology, history, aerospace/airplane design, automobile and boat design, transportation systems such as monorail and mag-lev trains, materials science, etc. He is a prolific inventor, having spent his entire life conceiving of and devising inventions on various scales which entail the use of innovative technology.

The hallmark of Jacque’s work is efficiency and planning. Born in 1916 and impacted by the great depression, Jacque’s outlook on life has always been one of optimism and a strong desire to improve the human condition. After years of thoughtful research and consideration, the hallmark of Jacque’s work has emerged in what he refers to as a Resource-based Economy. Jacque’s vision of a Resource-based Economy is a society where automation and technology replace servitude and menial labor, and where resources are distributed on a whole basis according to the needs of the population, balanced with the carrying capacity of the natural environment. Much of the technology Jacque has developed over the years is designed to support and implement the cybernated culture he envisions. In Fresco’s world of the future, all activities and efforts are directed towards productive solutions to real and physical problems. It is a society which utilizes energy, materials and human potential in the most organized and efficient manner possible. In Jacque’s perspective, professions and industries which do not contribute to the physical wellbeing of the population are deemed inconsequential. He also feels that environmental restoration and the elimination of human-caused environmental decay is essential for long-term survival.

Jacque’s concept of a society of the future integrates intra- and inter-personal needs, psychological and sociological functioning with the macro-scale mechanisms of governance, social stratification, commerce and spiritual needs. It is not a society based upon a moral philosophy. His long study of human and animal behavior has greatly influenced his thinking with regard to psychology and sociology. Jacque’s idea is that our actions are determined by our values, and our values are in turn determined by our beliefs. What he has observed is that, in general, human social evolution throughout history has been cyclic – war, poverty, aggression, territoriality, violence and crime are all indications of aberrant human behavior. Given that these kinds of behavior are consistently demonstrated over time, it is Jacque’s consensus that there is some underlying cause. In his opinion, the source of all aberrant behavior is the operating belief systems with which we determine our values. Jacque’s research has led him to the conclusion that one of the most harmful beliefs carried by the majority of people is the general assumption that there is “not enough to go around” for everyone. Jacque calls this tendency or belief “scarcity”. The perception of scarcity on a mass scale throughout history has led to the accumulation of wealth, the gross obsession for power, and the tendency to manipulate people in order to protect one’s resources or belongings (property). All of these mechanisms can be seen to function on a personal as well as an international scale. In Fresco’s projection of a functional future, where each individual’s needs are met, the tendency to want to accumulate material



things or exercise power will become minimal or unnecessary. In a Resource-based Economy, the use of resources is balanced with the needs of the population. This is done through the gathering of information and the use of artificial intelligence and automated technology to apportion resources on a fair and equitable basis based on physical needs rather than other factors, such as perceived threat or the domination of central power structures. In the *Future by Design*, governance is maintained by the cybernated system, which depends wholly upon information derived from the physical environment. This information is derived from physical measurement and the input of data by the general population. Beliefs, biases, prejudices, class systems, religions, nation-states and their priorities play no role in determining “who gets what” in the future. In Jacques’s synthesis of elements, he firmly believes that equitable use of physical resources combined with a dramatic shift in elevating the level of education of the public will create a functional, equitable world capable of long-term sustainability. A highly educated population can articulate their needs intelligently, make informed decisions. He believes that when people are born into a system where it is understood and assumed that all physical needs will be met and that access to resources will be unfettered, that the majority of individuals will grow up psychologically healthy. His feeling is that aberrant behavior which results in crime or in some kind of overt harm is not the result of any moral crisis or ethical violation, but is really determined by one’s environment. If an individual’s needs are met, in an environment of non-violence and comprehensive education, the tendency to explore or institute harmful behavior is eliminated.

In the *Future by Design*, all systems work together. The personal, social, economic, industrial and governance arenas are all interconnected and balanced into one functional system. The *Future by Design* is a true participatory democracy, where each member of the society has the opportunity to input their needs, opinions and preferences into the central computer, which then assesses and analyzes all information to determine the use of resources in mfg distribution of goods and services.

As a futurist, Jacques is not only a conceptualist and a theoretician, but he is also an engineer and a designer. Each one of his concepts and ideas has a firm foundation in the physical world. Whether through his study of animal and human behavior, science and the methodologies of science, or physical engineering principles, everything he has conceived of is rooted in practical reality. The basic overall concept of the *Future by Design* is the application of the scientific method to social systems, wherein all processes are based upon measurable factors rather than beliefs and opinions. Everything Jacques has conceived of can be designed and built as envisioned. Jacques is not a Utopianist. In his paradigm, all social systems are evolutionary. Jacques has always based his work on the processes of nature and how organisms and systems function in a natural eco-balance. In Jacques’s estimation, there is no such thing as a Utopia, as Utopias are generally conceived of as a status-quo or end-result, never to be surpassed. In Jacques’s estimation, once our basic needs are met and we have eliminated usurious and superfluous inefficient efforts (i.e., militarism, commercialism, etc.), we can then focus the whole of human effort on an endless cycle of constant improvement and endless evolution.

A FILM BY ACADEMY AWARD® NOMINATED DIRECTOR  
WILLIAM GAZECKI

# FUTURE *by* DESIGN

JACQUE FRESCO — A MODERN-DAY DA VINCI

## CREDITS

OpenEdge Pictures Presents  
a Film by William Gazecki

Directed and Narrated by William Gazecki

Drawings and Models by Jacque Fresco  
and Roxanne Meadows

Music by Diane Louie

Produced and Written by William Gazecki

Edited by William Gazecki  
and Devin Anderson

Computer Animations by Doug Drexler

Stock Footage Provided By  
Absolutely Archives

Large Format Film Scans by  
Carl Pearson Imaging

Larry King Footage Courtesy of WTVJ  
Miami, Florida

Excerpts from "Metropolis" Courtesy of  
Kino Video and Transit Films

"Happy Days are Here Again" by  
Casa Loma Orchestra

"Life is Just a Bowl of Cherries" by Lew  
Brown and Ray Henderson

Special Thanks To:

Harvey & Carol Vengroff

Joe Simonetta

Kim Gazecki

Arthur C. Clarke

Larry King

Steve Doll

Forrest J. Ackerman

Art Shostak Ph..D.

Sharon & Elliott Maynard, Ph. D., CMC

Wilson Hawthorne

Karen Brandt

Helen & Jim Lapcevic, D.O., P.C.

Jerry Mooney

Bob Schilling

Creig Dickerson

Mike Jimenez

Susan Bottom

Frank Ogden

Sam Laurie

Kat Epple

Jade Forster

Marco Scorcelletti

Marcos Birro Calixto

Helen Diemert

Torben Riise

Millard Deutsch

Paul Hewitt

Birgit Henderson

Franklin Wayne Poley

Samuel A. Laurie, P.E.

Copyright © 2005





Academy Award Nominated  
Emmy Winning  
**Director**

## **William Gazecki**

3701 Sacramento Street #291  
San Francisco, CA 94118

**wg@williamgazecki.com**  
**www.williamgazecki.com**

**888-DOC-FLIX**

**Inventor and Futurist**

## **Jacque Fresco**

21 Valley Lane  
Venus, FL 33960

**fbd@futurebydesign.org**  
**www.futurebydesign.org**

