

Now, I am going to honor on your behalf another wonderful and an influential person who has made major contributions in hydrogen energy systems for solving global issues facing us all



Prof. Dr.
Nejat Veziroğlu uyardı:

Gelecek hidrojen

'Dünyanın en temiz ve en etkili yakıt türü olan hidrojen enerjisine bir an önce geçmeliyiz'

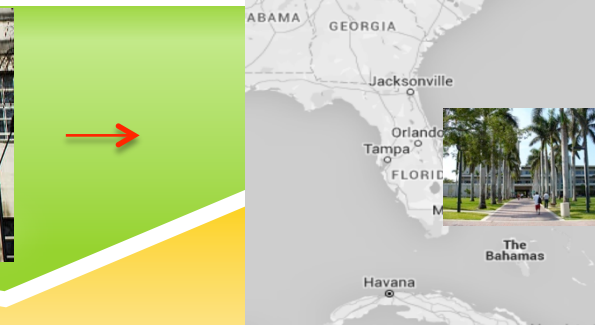
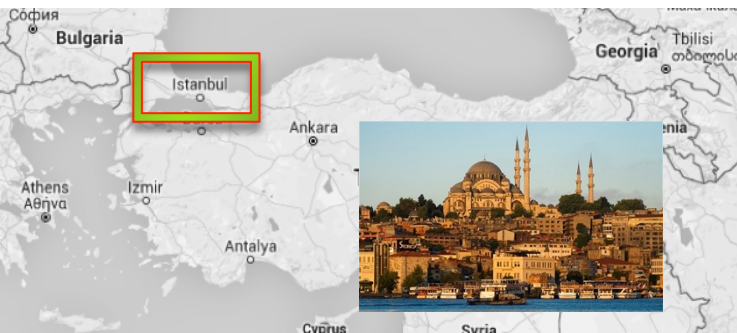
TURHAN NEJAT VEZIROĞLU

Professor Emeritus
(University of Miami)

by
Govindjee

(e-mail: gov@illinois.edu)

7th International Meeting on
"Photosynthesis Research for Sustainability", Pushchino, Russia, June, 2016



**Merhaba to you Dear
Nejat !**

Your Message upfront has been:

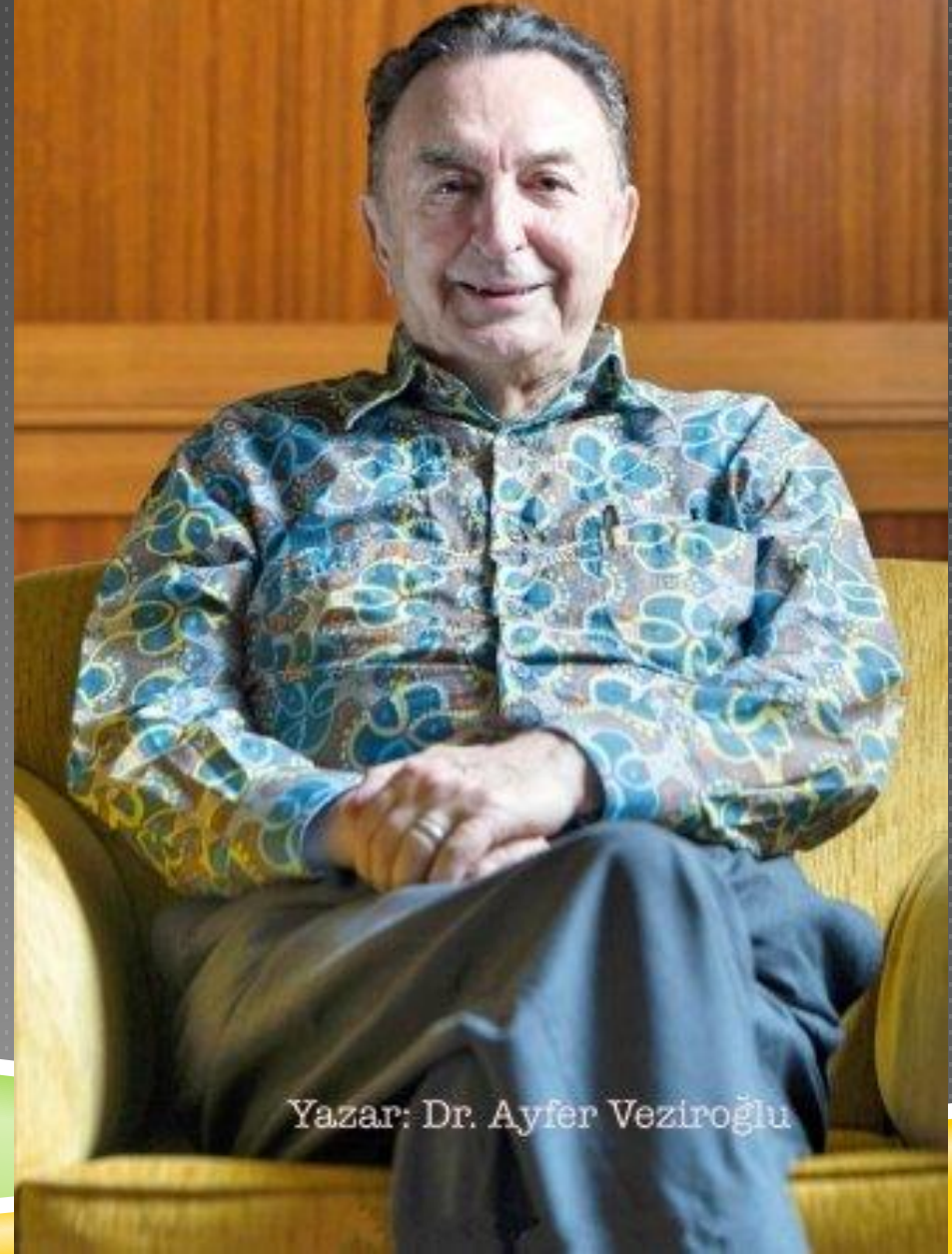
The Future is in Hydrogen

**'We must soon switch to
hydrogen energy, which is the
world's cleanest and most
effective form of fuel'**

**Nejat will speak to us
on Thursday, June 23,
at 8:50 AM about
global solutions to
global problems**

**Source of the photo is:
Ayfer V.**

Hidrojen Romantiđi



Yazar: Dr. Ayfer Vezirođlu

- ▶ January 1924: He was born in Turkey, and attended elementary and middle school in Izmir; lyceum in Istanbul; and then he studied at Istanbul Technical University



1930: With his mother: a handsome and sharp young boy



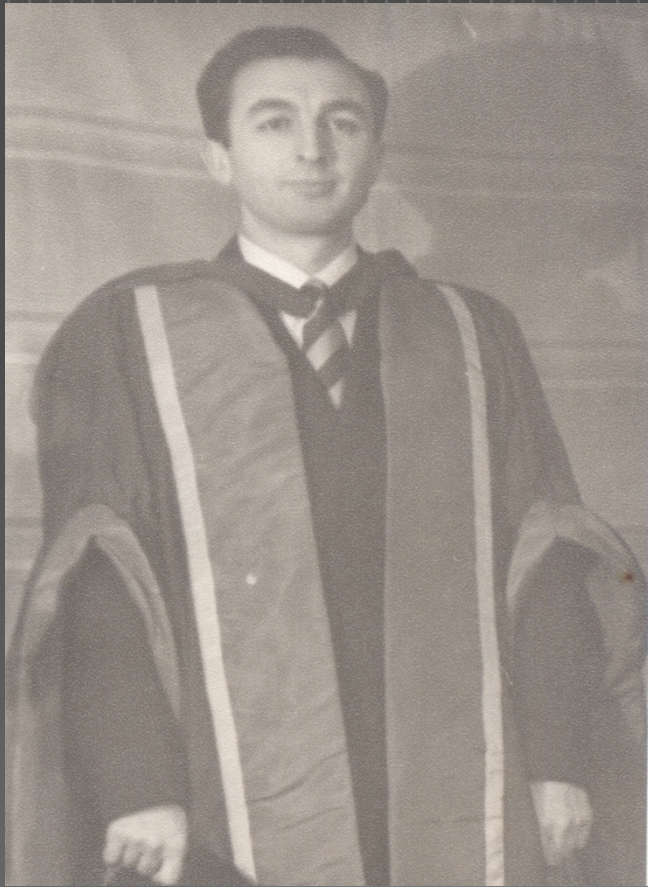
- ▶ 1946: B.Sc. (Mech Engr), Imperial College, London, UK
- ▶ 1951: Ph.D. (Mech Engr; Heat Transfer), University of London, UK



- ▶ 1951—1962: Engineer; Scientific Advisor; Engineering Consultant; Technical Director, Veziroglou Construction Company, Turkey



1956: His first visit to USA in a Turkish Government Delegation as the Director of Steel Silos, Office of Soil Products, at a reception in Washington, D.C.



1951: Nejat, now Dr. T.N.
Veziroglou, London



1960: Nejat Married Bengi

- ▶ 1962-1966: Associate Professor, Mechanical Engineering, University of Miami, Coral Gables, Florida, USA
 - ▶ 1966—2009: Professor, Mechanical Engineering, University of Miami (UM) , Coral Gables, Florida
- ▶ **1973: Established *Clean Energy Research Institute* at **UM****
 - ▶ 1974: Proposed “Hydrogen Energy System/ Hydrogen Economy” ; **established the *International Association of Hydrogen Energy* and was elected as its President**
 - ▶ 1976: Established *International Journal of Hydrogen Energy* – Served as Editor in Chief; and the *First World Hydrogen Energy Conference*
 - ▶ **1977, 1979 : *ICCE* (1st and 2nd Conference on Alternative Energy Sources)**
 - ▶ 1998: **Bengi passed away**





1969: With
Emre
(son), Oya
(daughter)
and Bengi
(In Miami)

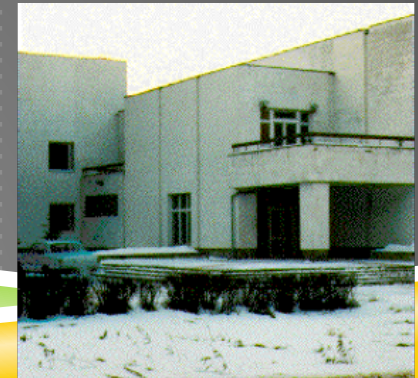


1975: The
Science Award
from Turkey



1980: In China

- ▶ **2004: Founded *UNIDO-ICHET* (International Center for Hydrogen Energy Technologies), and served as Director**
 - ▶ **2006: Married to Ayfer**
 - ▶ **2007: Lilli was born**
- ▶ **2009—Present: Professor Emeritus, Mechanical Engineering, University of Miami, Coral Gables, Florida**
- ▶ **2010: the 10th ICCE, and much more... between then and now**





1984: With hydrogen car at the 6th World Hydrogen Energy Conference, Toronto



2005: Honorary Doctorate from Dr. Fazıl Tekin, President of Osmangazi University, Eskişehir, Turkey



July 22, 2006: A new life began when Nejat and Ayfer were married in Istanbul, in Turkey



▶ **An incomplete summary of his “Research and Initiatives”**

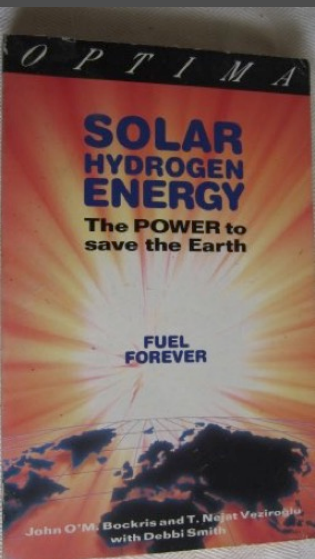
▶ Thermodynamics; Heat transfer; Mass Transfer; Energy Conversion; Nuclear Engineering; Solar Energy; Hydrogen Energy; Hydrogen Economy

▶ **Author or co-author of more than 400 top research publications**

▶ Founding Editor of the International Journal of Hydrogen Research

▶ **Founding Director of UNIDO-ICHET (United Nations Industrial Development Organization-International Centre for Hydrogen Energy Technologies), Istanbul Turkey**

▶ **Coauthor of :”Solar Hydrogen Energy: The Power to Save the Earth”**





PERGAMON

**A brilliant man T. Nejat always ahead
of his time..**

International Journal of Hydrogen Energy 26 (2001) 909–915

International Journal of
**HYDROGEN
ENERGY**

www.elsevier.com/locate/ijhydene

From hydrogen economy to hydrogen civilization

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Abstract

For the civilization our energy consequences have been reserved.

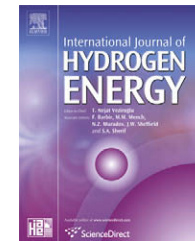


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Advances in biological hydrogen production processes

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^bClean Energy Research Institute, College of Engineering, University of Miami, Coral Gables, FL 33124-0622, USA

▶ **Honors and Awards, an incomplete list**

- ▶ 1974/1975: Turkish Presidential Science Awards
- ▶ **1977: Medal of the City of Paris, France**
- ▶ 1981: Honorary Professorship, Ministry of Education, China
- ▶ **1982: Kurchatov Institute of Atomic Energy: I.V. Kurchatov Medal, USSR (now Russia)**
- ▶ 1986; 1991: Global Energy Society: Energy for Mankind Award; Superior Service to Mankind Award
- ▶ **1988: Argentinian Academy of Sciences**

- ▶ 1995: Science Award, Academy of Television Arts and Sciences
- ▶ **1998: Honorary Doctorate from Anadolu University, Eskisehir, Turkey**
- ▶ **2001: Honorary Doctorate from Donetsk State Technical University, Ukraine**
- ▶ 2008: Santilli-Galilei Global Medal for Lifetime Commitment to the Scientific Democracy
- ▶ **Named: Prof. Dr. T. Nejat Veziroğlu Temiz Enerji Uygulama ve Araştırma Merkezine Hoşgeldiniz**
- ▶ **2010: The 10th International Conference on Clean Energy was dedicated to T. Nejat Veziroğlu**

- ▶ I end our honor to this wonderful elder brother of all of us Turhan Nejat Veziroglou by showing a few photos taken from the internet and those obtained from Ayfer Veziroglou





Our heartiest
congratulations to you
Turhan Nejat Veziroglou (Dr.V,
as you are called)

- You are original
- You are merciful
- Your last name means “Son of Wazir”, but you are the Ambassador of Hydrogen to the World..And You are the
 - Emperor !!

Special thanks to Ayfer
for
her crucial help

There are many more pictures and there is even a video on Nejat...can be shown later

It was a great privilege for me to honor both Nathan and Nejat on your behalf

And this was all possible because of Anatoly Tsyganakov , Suleyman Allakverdiev, Maria Leonova, and many many others in the local organizing committee

Shalom and Salam to all of you

ॐ शांति शांति

שלום سلام

The past, the present and the future, Peace, and Peace