

HANAN LEVY

BEN YEHUDA 43 TEL AVIV ISRAEL
PHONE 054-6254616, 03-5291198 • E-MAIL LEVY.HANAN@GMAIL.COM

AREAS OF INTEREST: fluid dynamics, renewable energy

EDUCATION

2007 – present

pursuing M.sc. degree in chemical sciences at the department for environmental sciences and energy research in the Weizmann institute of science

2002 - 2006 Technion Israel Institute of Technology , Haifa

Bsc. Degree in aerospace engineering

■ Project experience:

- Control project – design, construction and control of a small wind turbine in order to increase efficiency, under prof. Per Olof-Gutman.
- Research project – Implementing Conway's non-linear momentum theory for design of propeller/wind turbine blades in matlab.
- Final project – design, construction and test flying an autonomous solar powered UAV. Including experiments with electric driven propellers in the subsonic wind tunnel.

■ Courses included: (partial, full list attached)

- Physics of the atmosphere (Prof. Emeritus Tannhauser David)
- CFD 1 (Dr. Yuval Levy) – writing a 2D Euler flow solver in C.
- Fluid dynamics (incompressible, viscous, compressible)
- Wind turbine energy production

2005 Weizmann institute of science, Rehovot

The Emma and Oscar Getz Summer Science Program for Israeli Students

- Participating in research on the subject of thermal splitting of methane for the production of hydrogen and carbon black utilizing concentrated solar energy under Prof. Avraham Kogan

1993 - 1997 Ohel Shem high-school, ramat gan

WORK EXPERIENCE

2007 Pythagoras solar Ramat Hasharon

Research engineer

- Developing non-tracking low concentration technology for silicon solar cells

2006 - 2007 Cyclone aviation Ltd. Bar lev industrial park

Research engineer

- Developing a Structural Health Monitoring system for composite materials in collaboration with the Technion's aeronautical faculty.

