

Hossain Taheri

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PERSONAL INFORMATION

Birth Place: **Shiraz, Iran.**

RESEARCH INTERESTS

Electromagnetic Theory, Photonic Band-Gap Structures and Their Applications, Meta-materials.

EDUCATION

- Junior student of Electrical Engineering- Communications, **ECE Department, University of Tehran. (Fall 2005- Present)**
- Two-month preparatory course for **National Physics Olympiad**, (Course work in Electromagnetics, Mechanics and Perturbation Methods in Physics,) **Young Scholars Club**, Tehran, Iran. **(July-September 2004)**
- Allameh Helli **NODET** High School and Pre-University, (National Organization for the Development of Exceptional Talents), Tehran, Iran. **(2002-2005)**

HONORS AND AWARDS

- Ranked fourth in the **preliminary** phase of the **13th National Electrical Engineering Olympiad**, February 2008.
- Ranked ninth in the **final** phase of the **13th National Electrical Engineering Olympiad**, July 2008.
- Ranked third among Communications Engineering students, **ECE Department**, University of Tehran, Spring 2008.
- Member of Iran's **National Elite Foundation**.
- Winner of Bronze Medal in the **17th National Physics Olympiad**, Tehran, Iran, September 2004.
- Outstanding young researcher for research on antimatter and its applications as recognized by **AUST** (Arak University of Science and Technology), Arak, Markazi Province, Iran, Spring 2002.
- Outstanding research project for **Kharazmi Festival** in Markazi province for the review letter "Antimatter, the weird matter", Summer 2002.

TEACHING AND WORK EXPERIENCE

- Teacher Assistant, **Physics II (Electricity and Magnetism)**, UT-ECE, Winter and Spring 2007, and Winter and Spring 2008.
- Teacher Assistant, **Basic Circuit Theory**, UT-ECE, Winter and Spring 2007.
- **Team guide** and member of the helping group of students, **38th International Physics Olympiad**, Isfahan University of Technology, Isfahan, Iran, Summer 2007.
- **Physics Olympiad preparatory classes** (six-week period), Farzanegan NODET Girl's High School, Tehran, Iran, Summer 2007.
- **Physics Olympiad preparatory classes**, Sharif High School (Founded by Sharif University of Technology), Tehran, Iran, Summer 2006.
- **University entrance exam preparatory classes**, Shirin Observatory and Science Center, Fasa, Fars Province, Iran, Summer 2005.

COMPUTER SKILLS

- Languages: C, C++.
- CADs and Applications: MATLAB, P-Spice, H-Spice, Modelsim, Quartus, PSCAD, CST.

EXTRACURRICULAR ACTIVITIES

Reading books of poetry, novels, and books on some areas of humanities; Writing short articles in personal blog; Swimming; Light mountain climbing together with friends.

LANGUAGE SKILLS

Fluent English, Mother-tongue Persian.
TOEFL(iBT): Total Score:106

REFERENCES

To be provided on request.