

Curriculum Vitae

TAHA YASSERI

Personal

Birth: 06. Sep. 1984 (27), Tehran
Nationality: Iranian
Marital status: single
<http://www.phy.bme.hu/~yasseri>

Address

Department of Theoretical Physics
Budapest University of Technology and Economics
Budafoki út 8.
H1111 Budapest, Hungary

CURRENT POSITION

Post-doctoral fellow in European Commission project ICTeCollective,
Research Group of Prof. János Kertész.
Department of Theoretical Physics,
Budapest University of Technology and Economics, Budapest, Hungary.

Since September 2010

WORK EXPERIENCES

- Assistant Scientist, Institute for theoretical Physics, Georg-August-Universität
Göttingen, Germany. January 2009 - July 2010
- Researcher, SFB 602, Complex Structures in Condensed Matter from Atomic to Mesoscopic Scales,
Georg-August-Universität Göttingen, Germany. January 2007 - January 2009
- Member of Scientific Committee of the First Step to Nobel Prize in Physics National Competition,
Young Scholars Club, Tehran, Iran. November 2003 - March 2005
- Teacher of Physics, Farzanegan and Allame Helli High Schools under the supervision of National Or-
ganization for Developing Exceptional Talents, Tehran, Iran. September 2002 - April 2004
- Teacher of Physics Laboratory, Young Scholars Club, Tehran, Iran. April 2002 - September 2005

EDUCATION

PhD, Physics,

Faculty of Physics, Georg-August-Universität
Göttingen, Germany.

January 2007 - January 2010

TOPIC: Pattern formation at ion-sputtered surfaces.

(Adviser: Prof. Dr. R. Kree, Co-adviser: Prof. Dr. A.K. Hartmann)

Secondary topics: Computational Neuroscience and Physics of Polymers.

Master of Science, Physics,

Department of Physics, Sharif University of Technology
Tehran, Iran.

September 2005 - September 2006

THESIS - Localization in scale free networks. (Adviser: Prof. Dr. M. Reza Rahimi Tabar)

Bachelor of Science, Physics,

Department of Physics, Sharif University of Technology
Tehran, Iran.

September 2002 - July 2005

SUMMER SCHOOLS and EXTERNAL TRAINING COURSES

- Aalto Complex Networks Factory Summer School, Porvoo, Finland, June 2012.
- International school and conference on network science, Central European University, Budapest, Hungary, June 2011.
- Workshop on modern methods of time series analysis and applications in physics and econophysics, Sharif University of Technology, Tehran, Iran, July 2010.
- NanoSteps, Self-organized nano-structures on crystal surfaces, Institut d'études Scientifiques de Cargèse France, June 2008.
- Interfaces between physics and computer science, Jacobs University Bremen, Germany, June 2007.
- Complex Systems and Non-extensive Statistical Mechanics, the Abdus Salam Int. Center for Theo. Physics, Trieste, Italy, August 2006.
- Cosmology School, Institute for Research in Fundamental Science, Tehran, Iran, August 2004.
- An Introductory Course on Computational Neuroscience/ Visual Psychophysics, Institute for Research in Fundamental Sciences, Tehran, Iran, 2004-2005 (6 months).

TEACHING ASSISTANT (10 semesters)

- **Georg-August-Universität Göttingen**, (In English and German)
Mathematical Methods in Physics, Physics I and II, Quantum Mechanics, Statistical Physics and Thermodynamics.
- **Sharif University of Technology**,
General Physics I, II and III, Analytical Mechanics, Statistical Physics and Thermodynamics.

SKILLS

- **Computational:** *C/C++, SQL, Python, Shell scripts, R, MATLAB, and Latex.*
- **Language:** *Persian, English, German (conversational), and Arabic (basic).*

HONORS and ACHIEVEMENTS

- Full travel and accomodation grant for Aalto Complex Networks Factory, Porvoo, Finland, 2012.
- Accommodation grant for 7th Vienna central European seminar and COST MP0801 WORKSHOP, Austria, 2010.
- Accommodation and registration fee grant for ESF-COST High-Level Research Conference on Future Internet and Society, Italy, 2010.
- Travel and accommodation grant for summer school of Complex Systems and Non-extensive Statistical Mechanics from ICTP, Italy, 2006.
- Ranked 22nd nationwide in the M.Sc. Program Entrance Exam among more that 10,000 participants, 2005.
- Ranked 3rd (Bronze Medal) in the National Physics Olympiad, Iran, 2001.

CONFERENCE PRESENTATIONS (21 contributions)

- Aalto Complex Networks Factory Workshop, Porvoo, Finland, June '12. *TALK*
- Spring meeting of the German Physics Society, Berlin, Germany, March '12. *(SHORT TALK AND POSTERS)*
- 3rd IEEE International Conference on Social Computing, Boston, USA, Oct '11. *(POSTER)*
- European Conference on Complex Systems, Vienna, Austria, Sep. '11. *(TALK)*
- International Workshop on Coping with Crises in Complex Socio-Economic Systems, Zurich, Switzerland, Jun. '11. *(TALK)*
- 3rd ACM International Conference on Web Science, Koblenz, Germany, Jun '11. *.(POSTER)*
- Spring meeting of the German Physics Society, Dresden, Germany, March '11. *(POSTER)*
- 7th Vienna central European conference and COST MP0801 WORKSHOP, Vienna, Austria, Nov. '10. *(TALK)*
- ESF-COST High-Level Research Conference on Future Internet and Society, Acquafredda di Maratea, Italy, Oct. '10. *(POSTER)*
- Nanoscale Modification of Surfaces and Thin Films, Rathen, Germany, Sep. '09. *(POSTER)*
- Spring meeting of the German Physics Society, Dresden, Germany, March '09. *(TWO SHORT TALKS AND TWO POSTERS)*
- 16th International Conference on Ion-Beam Modification of Materials, Dresden, Germany, Sep '08. *(TWO POSTERS)*
- NanoSteps, Selforganized nanostructures on crystal surfaces, Corsica, France, June '08. *(SHORT TALK)*
- Spring meeting of the German Physics Society, Berlin, Germany, February '08. *(SHORT TALK)*
- Conference on Computational Physics, Brussels, Belgium, September '07. *(POSTER)*
- The 23rd International Conference on Statistical Physics, Genova, Italy, July '07. *(POSTER)*

INVITED TALKS

- Department of Biomedical Engineering and Computational Science, Aalto University, Helsinki, Finland, Jul. 2011.
- Weekly Seminars of the Department of Theoretical Physics, Budapest University of Technology and Economics, Budapest, Hungary, Apr. 2011.
- Colloquium of Department of Physics, University of Tehran, Tehran, Iran. Jan. 2011.
- Soft Condensed Matter Group Seminars, Department of Physics, Sharif University of Technology, Tehran, Iran, Jan. 2011.
- Condensed Matter Physics Seminar, School of Physics, Institute for research in fundamental science, Tehran, Iran, Jan. 2011.
- Theoretisch-physikalisches Seminar, Institute for Theoretical Physics, University of Göttingen, Göttingen, Germany Aug. 2006.

REVIEWING for

- *New Journal of Physics*, since 2011.
- *First Monday*, the journal on the Internet, since 2011.
- *Journal of Nuclear Instruments and Methods in Physics B*, since 2010.
- International Multi-Conference on Complexity, Informatics and Cybernetics: Orlando, Florida USA, March 2011.
- Wikimania 2010 Conference, July 9-11, 2010, Gdańsk, Poland.
- International Multi-Conference on Complexity, Informatics and Cybernetics: Orlando, Florida USA, April 2010.

MISCELLANEOUS

- B.Sc. project supervision. Márton Mestyán, Forecasting, by using info-communications data, Faculty of Natural Science, Budapest University of Technology and Economics, 2012.
- Programm Comeetee member of IEEE international conference on Social Computing, Amsterdam, The Netherlands, September 2012.
- Programm Comeetee member of The Second International Conference on Digital Information and Communication Technology and its Applications, Bangkok, Thailand, May 2012.
- Administrator and Oversightter of Wikipedia, the Wiki project of Wikimedia Foundation, 2010-2012.
- Academic Marker of the 38th International Physics Olympiad: IPhO 2007, July 2007, Isfahan, Iran.
- Member of Scientific Committee of UNESCO International Physics Year in Iran, 2005.