

CV-MEVLUT DOGAN (March 2010)

CURRICULUM VITAE (March 2010)

PERSONAL INFORMATION

1. Name-----: Prof. Dr. Mevlut DOGAN
(MSc, PhD, MInstP, CPhys)
2. Date of birth----- :25th Sept. 1968
3. Nationality-----: Turkish
4. Marital Status and Sex-----: Married (with three children), Male
5. Address----- Professional: University of Kocatepe, Sciences Faculty,
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EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS

6. Order of Education:

- | | |
|------------|-------------------------------------------------------------------------------|
| 1984-1988 | B.Sc. degree in Physics (Selcuk University, Faculty of Science, Konya Turkey) |
| 1995-1996 | Master degree in Atomic and Molecular Physics, (University of Newcastle, UK). |
| 1996- 1999 | PhD degree in Atomic and Molecular Physics (University of Newcastle, UK). |

EMPLOYMENT HISTORY

7. Work Experiences:

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|---------------|-------------------------------------------------------------------------------|
| 1988-1993 | Physics Teachers in High Schools in Konya and Kayseri, Turkey |
| 1993-1999 | Research Assistant in Kocatepe University, Afyon, Turkey |
| 2000-2004 | Assist. Prof. of Physics in the Department of Physics at Afyon Kocatepe Univ. |
| 2004-2009 | Assoc. Prof. of Physics in the Department of Physics at Afyon Kocatepe Univ. |
| 2009- to date | Prof. of Physics in the Department of Physics at Afyon Kocatepe Univ. |

8. Posts Held:

- | | |
|---------------|--------------------------------------------------------------------------------------|
| 2000-to date | Head of Physics Department at Afyon Kocatepe Univ. in Turkey |
| 2002- to date | Executive Committee Member of Faculty of Science at Afyon Kocatepe Univ. |
| 2000- to date | Head of Atomic and Molecular Physics Division at Afyon Kocatepe Univ. |
| 2003- to date | Executive Committee Member of Institute of Science at Afyon Kocatepe Univ. |
| 2004- to date | Executive Com Member of Tech Application and Research Centre at Afyon Kocatepe Univ. |
| 2005- to date | Executive Com Member of Student Selection Board for ERASMUS at Afyon Kocatepe Univ. |
| 2005-to date | Executive Com Mem of Infor Tech and Application Commission at Afyon Kocatepe Univ. |

TEACHING

9. Teaching Experience

High School Level:

I taught physics and science in several high schools and collages for 5 years before the University.

Underground and Postgraduate Level:

Teaching physics of several courses for physics department (2000- to date).

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RESEARCH

Scientific work was in the field of experimental atomic physics and included different aspects of the interaction of electrons with atoms and molecules.

10. Scientific Experience and Achievements:

Good understanding of experimental techniques including vacuum technology, handling of electron and atom beams, detection of single particles and photons, electron energy loss spectroscopy, etc.

Broad use of computers including computer controlled experiments. Proficiency in using a number of software packages for textual and graphical presentations in publishing and poster presentations.

Efficient use of all aspects of Internet and Internet based information and databases.

11. Grant Support:

- 1 *Development of Triple Coincidence Spectrometer and Using in Collision Physics*
 - Supported by DPT, Period 2002- 2006, Funded with 212 500 Euro Completed
- 2 *Development of (e,2e) Coincidence Spectrometer*
 - Supported by Kocatepe University, Period 2002- 2006, Funded with 20 500 Euro Completed
- 3 *Determination of Grain Size which Effects the Ceramic Quality by Ultrasound*
 - Supported by Kocatepe University, Period 2002- 2004, Funded with 15 000 Euro Completed
- 4 *Teachers and Students' Approach to the Problems in Physics Education at High School Levels*
 - Supported by Kocatepe University, Period 2002- 2005, Funded with 3 000 Euro Completed
- 5 *Computer Supported Interactive Education*
 - Supported by Kocatepe University, Period 2005- 2007, Funded with 25 000 Euro Completed
- 6 *Development of a New High Resolution Charged Particle Analyzer for the Study of Collision Physics*
 - Supported by TUBITAK, Period 2007- 2009, Funded with 105 500 Euro Completed
- 7 *Time of Flight Mass Spectroscopy and Resonant Laser Ablation (RLA)*
 - Supported by TUBITAK, Period 2007- 2009, Funded with 95 500 Euro Completed
- 8 *Investigation Of Ionization Dynamics Of Molecules By Electron Impact Using An Electron Spectrometer*
 - Supported by TUBITAK, Period 2010- 2013, Funded with 120 500 Euro Just Start

SCIENTIFIC PUBLICATIONS

Most of the research done is in experimental atomic physics, i.e. electron scattering on atoms studying mainly spectroscopic aspects of interaction. List of publications in scientific journals and books is included in my official web-pages. In addition, results were reported and published in books of contributed papers of various national and international conferences.

12. Publication:

- 3 prepared thesis
- 5 books (in Turkish)
- 48 conference proceeding
- 40 refereed papers in professional national and international journals
- 120 contributed papers at various national (47) and international (73) conferences

More details: www.mevlutdogan.com and www.e2e.aku.edu.tr