

Zehra Nur Erengil

Personal Information



Date and place of birth: 05.01.1981, Afyon, Turkey

Gender: Female

Nationality: Turkish

Marital status: Single

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Education

- | | |
|--------------|---|
| 2008-2009 | Guest researcher at MPI (Max Planck Institute für Kernphysik), Heidelberg, Germany |
| 2007-Present | Phd student at Gebze High Technology Institute, Gebze, İzmit, Turkey |
| 2005 – 2006 | Guest researcher at IKF (Institute für Kernphysik) J. Wolfgang Goethe University, Frankfurt am Main, Germany |
| 2004 – 2007 | Afyon Kocatepe University, Turkey
Physics Department
Master Degree |
| 1999 – 2004 | Dokuz Eylül University, İzmir/ Turkey
Physics Education Department
Graduated with master degree on physics education |

Additional Courses

Dynamical Models of Heavy-Ion Collisions

Frankfurt Institute for Advanced Studies, 2006 Summer Semester,
Prof. Dr. Igor Mishustin and Prof. Dr. Elena Bratkovskaya

Physics of Hot and Dense Matter

Frankfurt Institute for Advanced Studies, 2005/2006 Winter Semester,
Prof. Dr. Igor Mishustin and Prof. Dr. Elena Bratkovskaya

Der Deutschen Physikalischen Gesellschaft Conference

Frankfurt, 13-17 March 2006

Hoch und Ultrahoch- Vakuum für die forschung

Darmstadt, 4 May 2006

**Experimental Knowledge Interexchange with Hamburg
Synchrotron Radiation Laboratory at DESY**
Hamburg, 8-16 June 2006

**Particle Detectors Lab. Course at J.W. Goethe University Exp.
Atomic Research Group**
2005-2006

**Vacuum Technology Lab. At J.W. Goethe University Exp. Atomic
Research Group**
2005-2006

**Electronics Lab. At J.W. Goethe University Exp. Atomic Research
Group**
2005-2006

**Preparatory Atomic Physics Lab. At J.W. Goethe University Exp.
Atomic Research Group**
2005-2006

Experimental Knowledge Interexchange with Forschungs

Neutronenquelle Heinz Maier-Leibnitz ,Garching, May 2009

International Workshop On Complex Systems and Networks
15-20 July, Sovata, Romania

Lasers and Applications At Gebze Institute of High Tech. Turkey
Winter Semester 2007

Classical Electrodynamics At Gebze Institute of High Tech. Turkey
Winter Semester 2007

Computers in Physics At Gebze Institute of High Tech. Turkey
Winter Semester 2007

**Advanced Atomic and Molecular Physics I, At Afyon Kocatepe
University, Turkey**
Winter Semester, 2007

**Advanced Atomic and Molecular Physics II, At Afyon Kocatepe
University, Turkey**
Summer Semester, 2008

Statistical Mechanics II At Gebze Institute of High Tech., Turkey
Summer Semester, 2008

Quantum Mechanics I At Gebze Institute of High Tech., Turkey
Summer Semester, 2008

Languages

English – advanced

German – beginner

Turkish – native

Work Experiences

2004 – Present Afyon Kocatepe University, Turkey
Physics Department , Research Assistant Position

2003 – 2004 Ömer Lütfi Akad Primary School, Izmir/Turkey
Mathematics Teacher

2004 Atlas Private Teaching Institution, Physics Teacher

2003 Hoca Ahmet Yesevi High School, Physics Teacher

2003 Buca High School, Physics Teacher

International Talks

**World Year of Physics 2005 Turkish Physical Society 23rd
International Congress**

13-16 September 2005 Muğla University, Turkey

**World Year of Physics 2005 Turkish Physical Society 23rd
International Congress**

13-16 September 2005 Muğla University, Turkey

Autoionization Of Doubly Excited ($*C4+$), ($*C4+$)'in kendiliğinden
iyonlaşması) J. W. Goethe University, Germany, 2006

Ionization In Slow ($H2+$)+He Collisions, (Yavaş ($H2+$)+He
çarpışmalarında iyonlaşma) J. W. Goethe University, Germany, 2006

Turkish Physical Society 24rd International Congress

İnönü University, 28-31 August 2007, İnönü University, Turkey

**Autoionization Of Doubly Excited ($*C4+$), J. W. Goethe University,
Germany, 2006**

**Ionization In Slow ($H2+$)+He Collisions, J. W. Goethe University,
Germany, 2006**

CEPAS 4th

Cluj-Napoca, Romania, 18-20 June 2008

Turkish Physical Society 25th International Congress

Bodrum, Turkey, 25-29 August 2008

ICPEAC, 2009, USA

Research Studies

Building a COLTRIMS set up

Designing and simulating TOF Spectrometer for COLTRIMS set up

H₂⁺ + He collision studies

Autoionization Of Doubly Excited (*C4+)

Electron- Electron Coincidence Studies (e,2e)

Lineer TOF-MS Spectrometry

Recommendations

Prof.Dr. Reinhard Dörner : Institut für Kernphysik, J. Wolfgang Goethe University, Frankfurt am Main, Germany

Prof.Dr. Mevlüt Doğan : Afyon Kocatepe University,
Physics Department,Afyon,Turkey

Priv.-Doz. Dr. Alexander Dorn : Institut für Kernphysik, MPI Heidelberg,
Germany