

ÖMER ŞİŞE



PERSONAL INFORMATION

Name: Omer Sise

Date of birth: 1981

Nationality: Turkish

Marital Status: Married

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EDUCATIONAL AND PROFESSIONAL QUALIFICATIONS

Order of Education:

1998-2003 B.Sc. degree in Physics (Hacettepe University, Physics
Engineering, Ankara, Turkey)

2003 -2005 Master degree in Atomic and Molecular Physics, (Afyon
Kocatepe University, Turkey).

2005-present PhD (in progress) in Atomic and Molecular Physics
(Sakarya University, Turkey).

EMPLOYMENT HISTORY

Work Experiences:

2004–to date Research Assistant in the Department of Physics at Afyon
Kocatepe University.

EXPERIENCE AND SKILLS

Experience

Electron-atom collisions, Charged particle optics, Electron and ion guns, Analyzer systems (HDA, CDA, CMA), Detectors (CEM, MCP, PSD), Simulation techniques, Time-of-flight mass spectrometry, Electron spectroscopy, Electron coincidence spectroscopy-(e,2e), Electronics (robots, automation systems)

Computer Skills

Professional user in Windows operating systems, LaTeX applications, MS Word, MS Excel and various Windows applications, Proficiency in SIMION, CPO and LENSYS charged particle sim. prog., C/C+ and Fortran programming languages, SPSS and statistical applications, Applications of Maple and Mathematica programs, Origin and SigmaPlot programs

TEACHING

Quantum Mechanics

Mathematical Methods in Physics I-II

Labs: Electronic, Advanced Physics, Mechanics, Waves and Optics.

RESEARCH

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

SCIENTIFIC PUBLICATIONS

19 Papers articles in peer-reviewed major international journals

29 Contributions to international conferences

LANGUAGES

Turkish: Native

English: Fluent