



Curriculum Vitae of Prof.Dr. ŞENER OKTIK

A senior experimental applied solid state physicist with international academic/industrial research&development and teaching expertise in; inorganic/organic semiconductor materials and device characterization and fabrication at laboratory and industrial scale, materials science, surface science, thin and thick film coatings, optics, optoelectronics, photovoltaic cells ,modules, photovoltaic system components and systems

Key competencies:

- *Leading and motivating successful professional teams*
- *Governing of large and complex organizations*
- *Theoretical and experimental teaching and training ability across a wide spectrum of materials, inorganic/organic semiconductor materials and device physics*
- *Photovoltaic cell and module developments photovoltaic system components and system design*
- *Innovative approach to Research and Technological Development (RTD) problems ; transferring ideas into projects and projects into applications and products*
- *Effective scientific analysis, interpretation and delivery against targets*
- *Effective communication of complex issues to both scientific and commercial audiences*
- *Experience and expertise in qualifications and quality issues in higher education*
- *Experience and expertise in variety of deposition and characterization techniques for inorganic/organic semiconductor thin/thick films*
- *Experience and expertise in fabricating and characterization of devices with them at laboratory and industrial scale*
- *Experience and expertise in development of photovoltaic power systems components, designing and assessing PV power systems*

QUALIFICATIONS

Professorship in Applied Solid State Physics Mugla University Board , Turkey	1995
Associate Professorship in Applied Solid State Physics Inter Universities Board of Turkey	1986

PhD in Applied Physics 1982
Department of Applied Physics and Electronics, University of Durham, UK

MEng. in Applied Solid State Physics 1977
Department of Physics University of Ankara, Turkey

BSc. in Physics 1976
Department of Physics, University of Ankara, Turkey

CAREER

Senior Lecturer (Professor) 01.02 2024-..
Maltepe University
Faculty of Engineering and Natural Sciences, Department of Industrial Engineerin

Senior Lecturer (Professor) 27.04.2020-31.01.2024
Kadir Has University
Faculty of Engineering and Natural Sciences, Department of Mechatronics Engineering

A member of Board of Directors 27.03.2020- 16.03.2024
Şişecam Board

**President of Research and Technological Development
Sisecam Group (Chief Technology Officer CTO)** 01.01.2012-23.03.2020

Co-coordinator 15 .01. 2011-30.12.2011
Arkanlı Holding

The Rector 04.12. 2002-04.01.2010
UNIVERSITY OF MUGLA
As the chief academic and administrative officer of the University;

Vice Rector 01.04.1998-04.12.2002
UNIVERSITY OF MUGLA

- In charge of; student affairs, library and documentation, information technologies

Founder Head of Physics Department 18.09.1995-30.11.2006

Senior Lecturere/Researcher (Head of Department)
UNIVERSITY OF MUGLA , PHYSICS DEPARTMENT, TURKEY

Director 1.04.1998-04 12.2010
UNIVERSITY OF MUGLA , CLEAN ENERGY R&D CENTER

Visiting Professor/Senior Researcher 1997 (ONE TERM)
UNIVERSITY OF STUTGART, GERMANY (DAAD Scholar)

Senior Research Associate/Senior Lecturer **1993-1995**
UNIVERSITY OF DURHAM PHYSICS DEPARTMENT, ENGLAND

Visiting Senior Scientist **1995**
LECCE UNIVERSITY, ITALY (*EUROPEAN HUMAN CAPITAL MOBILITY PROGRAMME*)

Senior Research Scientist/Technologist (Team Leader) **1988-1993**
BRITISH PETROLEUM RESEARCH CENTRE, BP SOLAR, SUNBUY, ENGLAND

- Planning and implementation of the materials/device characterisation part of the
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Research Fellow (Post doctoral study) **1986-1988**
INDUSTRIAL RESEARCH LABORATORIES OF DURHAM UNIVERSITY COLLABORATION WITH ICI PAINTS DIVISION, ENGLAND

Lecturer/Reseracher **1982-1986**
UNIVERSITY OF SELCUK PHYSICS DEPARTMENT, TURKEY

MEMBERSHIPS

Throug his carrear

- European Union, Photovoltaic Technology Platform, Working Group 4 and Mirror Group
- The Turkish member of Energy Working Group of European Physical Society
- Ex-Co Member of International Energy Agency , Photovolatic Power Systems Group
- A member of PROMITHEAS network for preparation of the report for “*Energy View of BSEC countries*”
- A Member of World Energy Council-Turkish National Committee.
- A member of Turkish Clean Energy Foundation
- A founder member of National photovoltaic Platform of Turkey
- A member of Advisory Board for The Scientific and Technical Research Council of Turkey, Marmara Research Center (2003-2005)
- Institute of Physics
- Euro Solar
- Turkish National Innovation Group
- Policies of Turkey on Energy Technologies Study Group,
- Turkish Energy Council. the evaluation committee at TUBITAK,
- Turkish Technology Devolpment Observation and Evaluation Center
- A member of the Turkish Delegation for EU Accession Process for Chapte 25:Research and Technology and for Chapter26:Education and Culture
- A chair of “Qualification Framework” committee for The Council of Higher Education for Turkey 2007-2008
- A member of European Council “Qualifications Frame Works Working Group” 2007-2008

The current memberships:

- A member of the advisory committee of International Commission on Glass, “ICG”
- A member of the internaional advisory board of International Conference on Coatings on Glass and Plastics”ICCG”
- A member of Society of Vacuum Coaters “SVC” and The Center for Functional and Surface Functional Glass (Slovakia)
- A member of the Scientific Committe of “European Photovoltaic Solar Energy Conference EU-PVSEC”
- The chairman of Turkish Solar Energy Industry Association 2013-2019 (Honoraray Chairman 2019-...)
- Turkish Society of Physics
- The Board Member of Turkisk Clean Energy Foundation
- Cleantech Business Club (Honorary Chairmen for Turkey)