**STAFF HANDBOOK**

**CURRICULUM VITAE**

**PERSONAL INFORMATION**

Surname, Name :İşeri, Erkut İnan

Nationality :Cypriot

Date and Place of Birth :28 June 1973, Lefkoşa

Marital Status :Married

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**EDUCATION**

|  |  |  |
| --- | --- | --- |
| **Degree** | **Institution** | **Year of Graduation** |
| Assist. Prof. Dr. | NEU, Faculty of Engineering | 2005 |
| Ph.D. | METU, Department of Physics | 2004 |
| M.Sc. | METU, Department of Physics | 1998 |
| B.Sc. | METU, Department of Physics | 1996 |

**WORK EXPERIENCE**

**Year Place Enrollment**

Sep, 2014 -present NEU, Faculty of Engineering Physics courses Coordinator

2008 -2009 NEU, Department of Electrical and Electronic Engineering Vice Chairperson

2005 – 2011 NEU, Faculty of Engineering Physics courses Coordinator

2004-present NEU, Department of Computer Information Instructor

1999-2004 Middle East Technical University Teaching Assistant

**PUBLICATIONS IN INTERNATIONAL REFEREED JOURNALS (IN COVERAGE OF SSCI/SCI-EXPANDED AND AHCI):**

* H. Yıldırım, **E. İ. İşeri** and D. Gülen, “A quantitative analysis of exciton superhyperchromism in porphyrin J-/H-aggregates”, Chem. Phys. Lett. **391**, 302-307 2004.
* **E. İ. İşeri** and D. Gülen, “Chlorophyll transition dipole moment orientations and pathways for flow of excitation energy among the chlrophylls in the major plant antenna LHCII”, Eur. Biophys. J., **30**, 344-353, 2001.
* **E. İ. İşeri**, D. Albayrak and D. Gülen, “Electronic excited states of the CP29 antenna complex of green plants: a model based on exciton calculations”, J. of Biol. Phys., **26**, 321-339, 2000.
* **E. İ. İşeri** and D. Gülen, “Electronic excited states and excitation transfer kinetics in the Fenna-Matthews-Olson protein of the photosynthetic bacterium *Prosthecochloris aestuarii* at low temperatures”, Eur. Biophys. J., **28/3**, 243-253, 1999.

**PUBLICATIONS IN INTERNATIONAL REFEREED JOURNALS (IN COVERAGE OF British Education Index, ERIC, Science Direct, Scopus, IEEE):**

**BULLETING PRESENTED IN INTERNATIONAL ACADEMIC MEETINGS AND PUBLISHED IN PROCEEDINGS BOOKS:**

* **E. İ. İşeri**, H. Yıldırım, and D. Gülen, “Antenna size dependent hyperchromism of the Qy absorption band of linear and tubular BChl c aggregates”, ESF “Femtochemistry and Femtobiology” Ultra Programme Workshop on Femtosecond Dynamics in Photosynthetic Light-harvesting Complexes, October 9-13 2002, Belek, Antalya, Turkey.
* **E. İ. İşeri**, M. Wendling, M. A. Palacios, R. van Grondelle, T. J. Aartsma, S. I. E. Vulto, D. Gülen and H. van Amerongen, “Spectroscopic measurements and spectral simulations of the FMO protein from Chlorobium tepidum”, ESF “Femtochemistry and Femtobiology” Ultra Programme Workshop on Femtosecond Dynamics in Photosynthetic Light-harvesting Complexes, October 9-13 2002, Belek, Antalya, Turkey.
* H. van Amerongen, M. Wendling, M. A. Przyjalgowski, M. A. Palacios, R. van Grondelle, T. J. Aartsma, S. I. E. Vulto, **E. İ. İşeri**, D. Gülen., “The relation between structure and polarized spectroscopy of the FMO complex of *Prosthecochloris aestuarii* and *Chlorobium tepidum* “, EMBO Workshop on Green and Heliobacteria, April 19-23, 2002, Passau, Germany.
* A.S. Taisova, D. Gülen and **E. İ. İşeri**, V.A. Drachev, T.A. Cherenkova, Z.G.Fetisova, “Antenna-size dependent hyperchromism of the Qy absorption band of the chlorosomal oligomeric bacteriochlorophyll (BChl) c antenna of the green bacteria, Satellite Meeting on the Evolution of Photosynthesis, XIIth International Congress of Photosynthesis, August 25-28 2001, Heron Island, Australia.
* Z.G.Fetisova, A.S. Taisova, D. Gülen, **E. İ. İşeri**, “Antenna-size dependent hyperchromism of the Qy absorption band of the chlorosomal oligomeric bacteriochlorophyll c antenna of the green bacterium *Chloroflexus aurantiacus*, July 2001, Voronez, Russia.
* A.S. Taisova, D. Gülen and **E. İ. İşeri**, V.A. Drachev, T.A. Cherenkova, Z.G.Fetisova, “Antenna-size dependent hyperchromism of the Qy absorption band of the chlorosomal oligomeric bacteriochlorophyll (BChl) c antenna of the green bacteria, XIIth International Congress of Photosynthesis, August 18-23 2001, Brisbane, Australia.
* **E. İ. İşeri** and D. Gülen, “Structure-spectroscopy relationship in the LHCII: a model study on the chlorophyll transition dipole moment orientations and flow of excitation energy among the chlorophylls”, XIIth International Congress of Photosynthesis, August 18-23 2001, Brisbane, Australia.
* **E. İ. İşeri** and D. Gülen, “Structure-spectroscopy relationship in the LHCII: a model study on the chlorophyll transition dipole moment orientations and flow of excitation energy among the chlorophylls”, LHC2001, Satellite Workshop to the XIIth International Congress of Photosynthesis, August 15-18 2001, Surfers Paradise, Australia.
* **E. İ. İşeri**, D. Albayrak and D. Gülen, “Chlorophyll transition dipole moment orientations and pathways for flow of excitation energy among the chlrophylls in CP29 and LHCII”, 1st General Meeting of the ESF/ULTRA Programme, October 23-25 2000, Coimbra, Portugal.
* **E. İ. İşeri**, D. Albayrak and D. Gülen, “Electronic excited states of the CP29 and LHCII antenna complexes of green plants”, Photophysics and Photochemistry 2000, October 18-21 2000, Costa do Estoril, Portugal.
* **E. İ. İşeri** and D. Gülen, “Electronic excited states and excitation transfer kinetics in the Fenna-Matthews-Olson complexes of photosynthetic green sulphur bacteria at low temperatures”, Colloquium Spectroscopicum Internationale XXXI, September 5-10 1999, Ankara, Turkey.
* **E. İ. İşeri** and D. Gülen, “Electronic excited states and excitation transfer kinetics in the Fenna-Matthews-Olson complexes of photosynthetic green sulphur bacteria at low temperatures”, Colloquium Spectroscopicum Internationale XXXI, September 5-10 1999, Ankara, Turkey.
* **E. İ. İşeri** and D. Gülen, “Low-temperature excitation transfer in the FMO complex. Simulations”, XIth International Congress on Photosynthesis, August 17-22 1998, Budapest, Hungary.
* **E. İ. İşeri** and D. Gülen “Low-temperature electronic excitation transfer in the FMO complex. Simulations”, ESF International Workshop on Light-Harvesting Systems, August 14-16 1998, Tata, Hungary.
* **E. İ. İşeri**, H. van Amerongen and D. Gülen, “Excited state structure and subpicosecond excitation dynamics in FMO complex from the green photosynthetic bacterium *Prosthecochloris* *aestuarii*: simulations of the absorption difference spectra at low temperatures”, European Science Foundation Workshop on Green and Heliobacteria, August 31-September 4 1997, Urbino, Italy.
* **E. İ. İşeri** and D. Gülen, in: *Photosynthesis: Mechanisms and Effects*, vol. I, pp. 181-184, G. Garab and J. Pusztai (eds.), “Low-temperature excitation transfer in the FMO complex. Simulations”, Kluwer 1998.

**BOOKS**



**COURSES GIVEN** *(from 2010 to 2014)*

|  |  |  |
| --- | --- | --- |
| ***Doctorate*** | ***Master*** | ***Undergraduate*** |
|  |  | General Physics I |
|  |  | General Physics II |
|  |  | Electromagnetic Theory |
|  |  | Radiology Physics |

**UNDERTAKEN PROJECTS**

**CONFERENCE ORGANIZATION**.