



Dr. Davood Fathi received the B.Sc. degree in the field of electronic engineering from Amir Kabir University of Technology, Tehran, Iran, in 1990, and the M.Sc. degree in the field of biomedical (bioelectronic) engineering from Sharif University of Technology, Tehran, Iran, in 1994. After a couple of years working in industry, he worked toward the Ph.D. degree between 2006-2009 in the field of nanotechnology (nanoelectronics) with the Nanoelectronics Center of Excellence, Thin Film and Photonics Research Laboratory, School of Electrical and Computer Engineering, University of Tehran, Tehran, Iran.

Honors:

- **Ph.D.:** (i) Rank among incoming participants: 1
(ii) Talented and selected Ph.D. student
(iii) Member of the National Elite Foundation
- **M.Sc.:** Country Rank among incoming participants: 9 (among the nearly fifty thousand participants)
- **B.Sc.:** (i) Country Rank among incoming participants: 51 (among the nearly two hundred thousand participants)
(ii) Rank among B.Sc. graduates: 4

Dr. Fathi has joined from 2010 as a member of faculty to the Department of Electrical and Computer Engineering, Tarbiat Modares University (TMU), Tehran, Iran.

He has been the reviewer for more than 20 international journals including IEEE, OSA, Elsevier, Springer, John Willey and so on.

His current research interests include: Nanotechnology; Nanoelectronics; Nanophotonics and Optoelectronics; Solar cells and Water-splitting systems; Nanobiophotonics; Computational Optics & Photonics.

He is also author or co-author of more than 85 scientific journal and conference papers in various fields of Nanoelectronics and Photonics, which most of the high impact publications during the past three years are in the field of solar energy systems.

Dr. Fathi is currently an Associate Professor of Nanotechnology and Nanophotonics at his department.

He has been selected as invited or keynote speaker from several international conferences such as CCET-2022, CCT-2022, Nanotechnology 2022, Microfluidics 2022, Material Chemistry 2022 and so on.

For more information, you can visit Dr. Fathi's Google Scholar and Research Gate pages with the following addresses:

Google Scholar: <https://scholar.google.com/citations?user=-jK7A6gAAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Davood-Fathi-3>