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EUROPAEA }

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# Manijeh Razeghi



Membership Number: 5733  
Membership type: FOREIGN  
Section: PHYSICS & ENGINEERING SCIENCES  
Elected: 2021  
Main Country of Residence: UNITED STATES  
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## Present and Previous Positions

- 1991 - present Walter P. Murphy Professor of Electrical and Computer Engineering, and Director, Center for Quantum Devices, Northwestern University, Evanston, IL
- 1993 - present Adjunct Professor, Optical Sciences Center, University of Arizona
- 1986 - 1991 Head, Exploratory Materials Lab, Thomson-CSF, Orsay, France
- 1986 - Invited Professor, University of Michigan-Ann Arbor, MI
- 1985 - 1991 Visting Professor, Ecole Polytechnique, Lausanne, Switzerland
- 1981 - 1985 Senior Research Scientist, Thomson-CSF, Orsay, France

## Fields of Scholarship

- nonlinear optics -
- THz semiconductor devices for telecommunications and imaging applications.-
- semiconductor physics and technology-
- epitaxial manufacturing techniques-
- optoelectronic devices from the deep ultraviolet to the far infrared spectral bands.-
- Quantum structures and devices
- - condensed matter physics and engineering-

## Honours and Awards

- 2018 Benjamin Franklin Medal in Electrical Engineering (US)
- 2017 Elected Lifetime Fellow of Institute of Electrical and Electronics Engineers (IEEE)
- 2016 Jan Czochralski Gold Medal
- 2013 IBM Faculty Award
- 2008 Elected Lifetime Fellow of Materials Research Society (MRS)
- 2005 Elected Fellow of Institute of Electrical and Electronics Engineers (IEEE)
- 2005 Elected Fellow of Institute of Physics (IOP)
- 2004 Elected Fellow of American Physical Society (APS)
- 2004 Elected Fellow of Optical Society of America (OSA)
- 2003 Elected Fellow of Optical Society of America (OSA)
- 2003 Nominated for Northwestern University McCormick Teacher of the Year Award
- 2003 Elected Fellow of International Engineering Consortium (IEC)
- 2000 Elected Fellow of Society of Photo-Optical Instrumentation Engineers (SPIE)
- 1995 Elected Fellow of Society of Women Engineers
- 1995 Society of Women Engineers (SWE) Achievement Award

- 1987 IBM Europe Science and Technology Prize



Curriculum  
vitae



Publication  
list



Interests  
and  
research



Other  
information