Jelena Vuckovic

https://profiles.stanford.edu/jelena-vuckovic

EDUCATION

Postdoc.	Applied Physics	Stanford	2002
Ph.D	Electrical Engineering	California Institute of Technology	2002
M.S.	Electrical Engineering	California Institute of Technology	1997
Diploma	Electrical Engineering	University of Nis, Serbia	1994

APPOINTMENTS

June 2019 – present: Jensen Huang Professor of Global Leadership, Professor of Electrical Engineering and, by courtesy, of Applied Physics, Stanford University

Faculty member of the Ginzton Lab, PULSE Institute, SIMES Institute, Wu-Tsai Neuroscience Institute, and Bio-X at Stanford

August 2021 – June 2023: Fortinet Founders Chair of Electrical Engineering Department, Stanford

December 2018 – July 2021: Inaugural Director of Q-FARM: Stanford-SLAC Quantum Initiative

September 2014 – June 2019: Professor of Electrical Engineering and by courtesy of Applied Physics, Stanford University; a faculty member of the Ginzton Lab, PULSE Institute, SIMES Institute, and Bio-X

February 2013 – Sept. 2014: Professor of Electrical Engineering, Stanford University; a faculty member of Ginzton Lab

Sept. 2008 – January 2013: Associate Professor of Electrical Engineering (with tenure), Stanford University

January 2003–Aug. 2008: Assistant Professor of Electrical Engineering, Stanford University

AWARDS and HONORS

2026: R.W. Wood Prize, Optica

2025: Zeiss Research Award

2024: External Scientific Member, Max Planck Institute for Quantum Optics, Munich, Germany

2023: Member of the National Academy of Sciences

2023: Geoffrey Frew Fellowship, the Australian Academy of Science

2022: Vannevar Bush Faculty Fellow, the US Department of Defense

2021: Mildred Dresselhaus Lecturer, MIT

2020: James P. Gordon Memorial Speaker, the Optical Society (OSA)

2019: A. F. Harvey Engineering Research Prize, the IET

2019: Distinguished Scholar of the Max Planck Institute for Quantum Optics, Munich, Germany

2018: Fellow of the Institute of Electrical and Electronics Engineers (IEEE)

2015: Fellow of the Optical Society of America (OSA)

2015: Fellow of the American Physical Society (APS), Division of Atomic Molecular and Optical Physics

2013: Hans Fischer Senior Fellow at the Institute for Advanced Studies, Technical University of Munich, Germany

2012: Marko V. Jaric Award for outstanding achievements in physics (the top physics prize in Serbia)

2010: Humboldt Prize (Humboldt Research Award), Alexander von Humboldt Foundation, Germany

2009: Teaching Excellence Award, Society of Women Engineers, Stanford University

2008: Chambers Faculty Scholar, Stanford University

2008: DARPA Young Faculty Award

2007: Presidential Early Career Award for Scientists and Engineers (PECASE)

2006: Okawa Foundation Research Grant Recipient

2006: Office of Naval Research Young Investigator Award

2003: Frederick E. Terman Fellowship, Stanford University

2002: Charles Lee Powell Foundation Faculty Award

PROFESSIONAL ACTIVITIES

Scientific Advisory Board Member of

- *Munich Center for Quantum Science and Technology (MCQST*)
- *ARC Centre of Excellence for Quantum Computer Performance and integration*
- *Berlin Quantum*
- *Q-FARM – Stanford-SLAC Quantum Science and Engineering Iniative*

Previously on scientific advisory boars for numerous organizations, including *Max Planck Institute for Quantum Optics, National Science Foundation – Engineering Directorate* etc.

Journal editorial roles

- Editorial Board Member, *Proceedings of the National Academy of Sciences (PNAS)*
- Lead Editor, *Physical Review Applied*
- Editorial Advisory Board Member*, Advances in Optics and Photonics, Optica*
- Editorial Advisory Board Member*, APL Photonics*
- Editorial Advisory Board Member*, NPJ Quantum Information*
- Previously associate editor for *ACS Photonics, New Journal of Physics,* editorial advisory board member for *ACS Photonics*, *Nanophotonics*, and guest editor for everal issues of leading photonics and physics journals

Scientific Program Committee Member and co-organizer of numerous international conferences

Speaker and Panelist at various professional events at Stanford and outside

MENTORING and ADVISING

Graduated 33 PhD students and 25 postdocs so far

PUBLICATIONS

As of July 2026, >300 published in refereed journals. Work cited >50000 times, h-index of 112 (Google Scholar)
18 book chapters
22 issued US patents, ~10 pending, ~10 disclosures
Over 500 invited talks, >70 plenary, keynote talks and distinguished lectures

For detailed list and to download publications, please visit
https://profiles.stanford.edu/jelena-vuckovic