

GÁBOR SZABÓ

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Year of birth: 1954

University degree: Physicist (József Attila University, Szeged)

Scientific degree: Member of the Hungarian Academy of Sciences

Place of work: Department of Optics and Quantum Electronics, University of Szeged

Current position: university professor

Scientific interests, major fields of research:

- Photoacoustic spectroscopy, ultrafast laser spectroscopy,
- Generation of femtosecond pulses,
- Nonlinear optics, optimum control of quantum systems,
- Medical applications of lasers,

Places of work, positions:

- University of Szeged, Head of Physical Doctoral Faculty, 2007-
- University of Szeged, Institute of Technical and Material Sciences, director, 2004-
- Deputy state secretary for research and development, Ministry of Education, State Secretariat for Research and Development, 2000-2002.
- Head of the departmental group, University of Szeged, Departmental Group of Physics, 1996-2000, 2007-
- University professor, József Attila University (now University of Szeged), Department of Optics and Quantum Electronics 1994-
- Assistant professor, József Attila University, Department of Optics and Quantum Electronics 1984-94
- Assistant, József Attila University, Department of Experimental Physics 1981-84
- Trainee /scholarship holder/ József Attila University, Department of Experimental Physics 1978-81

Committee membership:

- Chairman of the Hungarian Innovation Association, 2007-
- Vice-chairman of the Hungarian Innovation Association, 2003-2006
- Associate chairman of the Physical Doctoral Committee, and Member of University Professor Committee of the Hungarian Accreditation Committee, 2010-
- Member of the Public Educational Presidential Committee of the Hungarian Academy of Sciences, 2009-
- Member of the Plenary of Hungarian Accreditation Committee, Chairman of the Committee of Physics 1998-2000, 2007-2009
- General Secretary of the Eötvös Loránd Physical Society, 2003-2006, member 2007-
- Chairman of the Laser Physics and Spectroscopy Committee of the Hungarian Academy of Sciences, 1999-2006, member 2007-
- Member of the Physical Doctoral Committee of the Hungarian Academy of Sciences, 2004-2007
- Chairman of the Strategic Committee of the Szeged Higher Education Integration Project, 1998-1999
- Chairman of the Doctoral Council of University of Szeged, 1993-2000

Honors:

- Szókefalvi-Nagy Béla Award, For Szeged Foundation (2010)
- Pro Urbe Award Szeged (2009)
- Merit of the Republic of Hungary (2009)
- Dennis Gabor Award (2004)
- Academy Prize of the Hungarian Academy of Sciences (2000)
- Széchenyi Fellowship (1998)
- Physics Prize of the Hungarian Academy of Sciences (1991)
- Schmid-Prize of the Roland Eötvös Physical Society (1989)
- Prize for Young Scientists of the Hungarian Academy of Sciences (1986)
- Prize for Scientific Research of the Hungarian Student Association (1976)

Foreign study tours:

- University of Jena, 1997-98, 6 months, guest professor
- University of Osaka, 1995-96, 2 months, guest professor
- Rice University, Houston 1990-95, a total of 2 years, guest professor
- Max-Planck-Institute für Biophysikalische Chemie, Göttingen, 1981-89, a total of 4.5 years, guest researcher

Scientific publications:

- International journals: 95, international conferences: 121, Hungarian publications: 24
- references (not including self-references): 1251, cummulated IF: 196,722
- patents: 10 Hungarian, 5 US, 3 German

Participation in research projects: in 8 projects as project director, in 20 research projects as contributor.

Participation in industrial projects:

- 5 industrial R+D projects with MOL Rt
- 3 industrial project with General Electric
- 1 industrial project with Knorr-Bremse, Automotive Industrial Power Expansion Laboratory (JEL)