

Curriculum Vitae of Gábor Kocsis

January, 2009

Name: Gábor Kocsis

Personal data:

Birth Date & Place: October 26, 1962 in Dunaújváros, Hungary

Nationality: Hungarian

Family: Married with two daughters (1988, 1990)

Education:

Ph.D. (Dr.Rer.Nat.) of the Eötvös Loránd University (Budapest, Hungary) on
Electrodynamics, 1991

Masters (Diploma) of the Eötvös Loránd University (Budapest, Hungary)
on Physics, 1987

Permanent affiliation:

MTA KFKI Research Institute for Particle and Nuclear Physics (MTA KFKI RMKI),
EURATOM Association

P.O.B. 49, H-1525, Budapest, Hungary

Tel: (361) 392 2222

Fax: (361) 392 2598

E-mail: kocsis@rmki.kfki.hu

Employment:

2007- Deputy Head of the Plasma Physics Department,
MTA KFKI RMKI, Budapest, Hungary

2007- Head of the High Temperature Plasma Physics Department,
MTA KFKI RMKI, Budapest, Hungary

2005- Deputy Head of the Association, EURATOM Association-HAS

1996- Senior Research Fellow, MTA KFKI RMKI, Budapest, Hungary

1991-1996 Research Fellow, MTA KFKI RMKI, Budapest, Hungary

1987-1990 Ph.D. Student, MTA KFKI RMKI, Budapest, Hungary

Scientific activities:

Field of interest: experimental plasma physics, especially pellet-plasma interaction,
impurity transport, video diagnostics.

Publications: 2 dissertations, 50 research papers in peer reviewed scientific journals
and 90 other papers and conference contributions.

Experimental work done at:

- JET tokamak, Culham, UK (video diagnostics development, cryogenic pellet plasma interaction)
- W7-X stellarator, Greifswald, Germany (video diagnostics development)
- ASDEX Upgrade tokamak, Garching, Germany (cryogenic pellet plasma interaction, ELM triggering by pellets, video diagnostics)
- High Intensity Laser Laboratory, University of Szeged, Szeged, Hungary (high harmonics generation in laser plasmas)

- W7-AS stellarator, Garching, Germany (Lithium-beam diagnostics, edge plasma investigation, micro-pellet injection, laser ablation)
- TEXTOR tokamak, Jülich, Germany (laser ablation, impurity transport, micro-pellet injection)
- MT-1M tokamak, Budapest, Hungary (laser ablation, resonance fluorescence, edge plasma diagnostics, micro-pellet injection and ablation)
- Additional smaller works done on CASTOR (summer school)

Teaching activities:

International Summer Training Course on Experimental Plasma Physics (SUMTRAIC), Prague, 2003

Lectures at the Budapest University of Technology and Economics (BME):
Plasma diagnostics, 2008 Fall

Students:

PhD. degree: Tamás Szepesi (BME) 2005-

MSc degree: Éva Belonohy (ELTE) 2004-2005

BSc degree: Gábor Cseh (ELTE) 2008-
Máté Lampert (BME) 2008-

Prizes and scholarships:

Youth Prize of the Hungarian Academy of Sciences (HAS), 1994

DFG Scholarship to IPP, KFA, Jülich, 1992

Second Prize on the Scientific Conference of Hungarian Students (OTDK), 1986

Membership in committees, societies and editorial boards:

Editor, Nukleon, 2007-

European Fusion Development Agreement, Steering Committee 2007-

Chairman of the Fusion Section of the MNT 2004-2007

Hungarian Nuclear Society (MNT), 2004-

European Physical Society (EPS), 1987-

Eötvös Loránd Physical Society (ELFT), 1987-