



**IEEE, Sekcja Polska, Joint Industrial Electronics &
Power Electronics Chapter (IES/PELS)**

IEEE

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

Warsaw 2009-01-06

Seminar

Joint IES/PELS Chapter of Poland Section

“Electromechanics and Power Electronics at the TU Eindhoven: Achievements, Challenges, Future”

by prof. E.A. Lomanova

and

dr J. L. Duarte


Time and location:

22.01.2009, 12:15

Warsaw University of Technology, Institute of Control and Industrial
Electronics, **GE 300**

IES/PELS Joint Chapter Chair

Dr M. Jasinski

| | | |
|------------------|--|--|
| Name | dr. E. (Elena) Lomonova |  |
| Address | Technische Universiteit Eindhoven P.O. Box 513 5600 MB EINDHOVEN | |
| Workplace | Department of Electrical Engineering | |
| Sub. department | Electromechanics and Power Electronics | |
| Position | Associate Professor | |
| E-mail | e.lomonova@tue.nl | |

Biography

Dr. Lomonova E.A. was born in Moscow, Russia.

She received the M.Sc. (cum laude), Ph.D. (cum laude) degrees and scientific title of Ass. Prof. (Docent - awarded by the Russian Ministry of Higher Education) in Electromechanical Engineering, all from the Moscow State Aviation Institute (TU), Russia in 1982, 1993 and 1998, respectively.

Work and Research, Teaching Experience:

During 1982-1986 she worked in industry - Scientific Research Company "Astrophysics", Russia.

In 1986-1997 she was with the Department of Electrical Machines, Power and Electromechanical Systems, Moscow State Aviation Institute (TU), Russia as a senior engineer, senior scientific researcher, Assistant Prof., Docent.

1994-1995 Post.Doc NUFFIC scholarship, Faculty of Aerospace Engineering, TUDelft, The Netherlands.

1998-2000 - Scientific Researcher at the Control and EPP Laboratories, ITS Faculty, TUDelft, NL.


She is an author and co-author of more than 100 papers.

Memberships:

Member of IEE, IEEE

Professional Areas of Teaching and Research Interest:

Mechatronics, finite element methods of electrical machines and drives, power converters, modeling of the dynamic electromagnetic and electromechanical processes, object-oriented modeling of electromechanical systems.

| | | |
|------------------|--|--|
| Name | dr. J.L. Duarte |  |
| Address | Technische Universiteit Eindhoven P.O. Box 513 5600 MB EINDHOVEN | |
| Workplace | Department of Electrical Engineering | |
| Sub. department | Electromechanics and Power Electronics | |
| Position | Assistant Professor | |
| E-mail | j.l.duarte@tue.nl | |

Biography

Assistant professor of the Electromechanics and Power Electronics section.

Dr. Jorge L. Duarte has been with the TU Eindhoven, Group of Electromechanics and Power Electronics, as a member of the scientific staff, since 1990. His teaching and research interests include modeling, simulation and design optimization of power electronic systems. He received the MSc. degree in 1980 from the University of Rio de Janeiro, Brazil, and the Dr.-Ing. degree in 1985 from the INPL-Nancy, France. In 1989 he was appointed a research engineer at Philips Lighting Central Development Laboratory, and since October 2000 he has been consultant engineer on a regular basis at high tech industries around Eindhoven. He has co-authored over 100 technical papers and is holder of 6 patents.