

MIKLOS ANTALOVITS

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STUDIES:

1964-1969 Mechanical Engineering at the Technical University of Budapest. (MSc degree both in Mechanical Engineering and Engineering Education)
1970-1973 Psychology at the Eötvös Lóránd University of Budapest. (MA.degree in Psychology with specialization in Work and and Organizational Psychology)
1976 dr. univ. degree at the Eötvös Lóránd University of Budapest.
1986 Ph.D Degree (Candidate of Sciences degree) in Psychology (Topic: *Human operator in computerised process control.*)

POSITIONS:

1969-1979 Assistant professor at the Technical University of Budapest (Teachers Training and Psychological Institute, Department of Psychology.)
1980-1989 Senior research fellow at the Research Institute for Labour, Department of Ergonomics.
1986-1989 Scientific director of the Research Institute for Labour. Coordinator of "Working conditions" Division.
Since 1986 Part-time associate professor at Eötvös Lóránd University (Institute of Psychology.)
1988-1996 Associate professor at the Technical University of Budapest (Teachers Training and Psychological Institute, Department of Psychology.)
1989 -1992 Head of Department of Ergonomics at the Technical University of Budapest.
1990-1994 Vice Dean of the Faculty of Natural and Social Sciences at the Technical University of Budapest.
Since 1996 Full professor and Head of Department of Ergonomics and Psychology at the Budapest University of Technology and Economics.

TEACHING EXPERIENCES:

Undergraduate courses at the Eötvös Lóránd University in the field of Work and Organizational Psychology.
Undergraduate and graduate courses both in Ergonomics and in W/O Psychology at Budapest University of Technology and Economics.
PhD courses in the field of Work Psychology (including e-learning based courses in English in the frame of international educational cooperation.)
Invited lecturer and organizer in European Graduate Summer Universities in the field of W/O Psychology

RESEARCH AREAS AND MAIN PROFESSIONAL EXPERIENCES

Research on psychological aspects of human-computer interactions.

Research on psychological and social impacts of information/communication technology on work.

Analysis of stress reaction in computerised work, with a special focus on working activity at call centers.

Development of computer based methods for selection and training of process control operators. Use of full scope training simulators for skill development in nuclear industry. Improving the training methodology of 'on-the-job' trainings and enhancing instructors' pedagogical and psychological competencies.

Impact of work environment on work performance and health condition. Introducing 'work site health promotion' programmes in the industry and the service sector.

Analysing and developing safety culture in the nuclear industry.

ONGOING INTERNATIONAL RESEARCH & EDUCATIONAL COOPERATION

Topic: Ergonomic design of human-computer interfaces (Delft University of Technology)

Topic: Safety and human reliability in high complexity socio-technical systems (Berlin University of Technology)

Topic: Ergonomics in product design (Technical University of Munich)

MEMBERSHIP TO SCIENTIFIC SOCIETIES

Hungarian Psychological Society. Head of the Training Division and coordinator of implementing EuroPsyD in Hungary; Hungarian Ergonomical Society; National Council for Industrial Design. Committee of Psychology of the Hungarian Academy of Sciences; National Coordinating Council for Work Psychology.

European Network of Work and Organizational Psychology (ENOP); European Association of Work and Organizational Psychologist (EAWOP); International Association of Applied Psychology (Member of Board of Directors); Deutsche Gesellschaft für Psychologie.

Editorial Board of "Alkalmazott Pszichológia" (Applied Psychology).

LIST OF SELECTED PUBLICATIONS

ANTALOVITS, M. – IZSÓ, L., 1998., Self-assessment and learning in nuclear power plant simulation training. (In:) Misumi, J., Wilpert, B., Miller, R. (eds) Nuclear Safety: A Human Factors Perspective. Taylor and Francis Ltd. London, pp. 243 – 256.

ANTALOVITS, M. – KATONA, N. 2000., Applied Psychology in Hungary. Periodical of the Applied Psychology Foundation (APA), 1999-2000/1-2. pp. 27-37.

ANTALOVITS, M. 2001., Enhancement of skills and mental representation of knowledge of process operators. (in Hungarian), Alkalmazott Pszichológia, III/4. pp. 5-20.

ANTALOVITS, M. – IZSÓ, L. 2003., Assessment of Crew Performance and Measuring of Mental Efforts in a Cognitively Demanding Task Environment. (In:) Hockey, G.R.J., Gaillard, A.W.K., Burov, O. (eds.) *Operator Functional State. The Assessment and Prediction of Human Performance Degradation in Complex Tasks*. IOS Press, Amsterdam. pp. 284 – 290.

- ANTALOVITS, M. – PLÉH, CS. 2004., EuroPsy – the European Diploma in Psychology. (in Hungarian) Alkalmazott Pszichológia, VI/2. pp. 20-43.
- ANTALOVITS, M. 2005., Approaching the worksite health promotion and counselling from an organizational view. (in Hungarian) Alkalmazott Pszichológia, VII/1. pp. 32-49.