

CURRICULUM VITAE

Prof. Nikolai K. Myshkin

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Experience:

Power Engineering Institute, Ivanovo , Russia

1971 - 1973 Laboratory of Magnetic Fluids, Junior Research Scientist

Institute for Problems in Mechanics of Russian Academy of Sciences, Moscow, Russia

1976 - 1977 Laboratory of Tribology, Junior Research Scientist

Metal-Polymer Research Institute of Belarus National Academy of Sciences, Gomel, Belarus

1977 – current Senior Researcher, Head of Laboratory (1986), Head of Department (1991), Director (2002)

Education and Training

1955 – 1966 Secondary school (English as foreign language), Ivanovo, Russia

1966 – 1971 Power Engineering Institute, Ivanovo, Russia

Master in Electromechanical Engineering

1973 – 1976 Ph.D Student in Tribology, Institute for Problems in Mechanics of Russian Academy of Sciences, Moscow,

Ph.D Degree in Tribology (1977) and D.Sc. Degree in Tribology (1985) are given by the Council in Oil and Gas Academy, Moscow and confirmed by USSR High Certification Committee. Full Professor in Materials has been given by USSR HCC in 1991. Elected as a Correspondent Member of Belarus National Academy of Sciences (2004).

Miscellaneous

Vice-President of International Tribology Council, Deputy Editor of Journal of Friction and Wear, Member of Editorial Boards of "Tribology International", "Applied Mechanics and Engineering", "Tribology Letters", and "Industrial Lubrication and Tribology"

Awards

USSR National Award for young scientists (1982), Prize for Best Research of Belarus Academy of Sciences (1993), Award of Russian Government in the Area of Science and Technology (2004).

Teaching Experience. Course for undergraduate students in material science in P.O.Sukhoi Polytechnic Institute, Gomel (1985-1991), course in tribology for postgraduates in Hongik University, Seoul (1993). Textbooks in Materials (1989) and Tribology (1997, 2002)

International Cooperation. Visiting researcher: National Institute of Standards and Technology of USA (1986, 1987), Imperial College and Cambridge University (1988), Korea-Russia Cooperation Center fellowship (1993).

International Projects: International Science Foundation Grants R3000 and R3300 (1993-1994), US NSF grants CMS-94-09431 (1997-1998) and CMS-99-96445 (1999-2001) in cooperation with Iowa State University, European Community grant INTAS 99-0671 (2000-2002) in cooperation with Leeds University and University of Siegen, Swiss National Science Foundation grant SCOPES 7BYPJ065579 with ETH-Zurich, INTAS grant 03-51-4206 and 05-7940.

Languages

English - fluent; Russian – native

Publications

More than 180 technical papers and 50 patents. Co-author of Tribology Handbook (Russian edition 1979, English translation 1982), monographs "Physics, Chemistry and Mechanics of Boundary Lubrication" (1979), "Tribology of Electric Contacts" (1986), "Acoustic and Electric Methods in Tribology" (Russian edition 1987, English translation 1990), "Structure and Wear Resistance of Surface Layers" (1991), Textbook in Materials Science (1989), "Magnetic Fluids in Machinery" (1993), Textbook "Introduction to Tribology (in English, 1997), "Tribology, Principles and Applications" (2002), "Tribodiagnostics of machines" (2005), Chapters in "Mechanical Tribology (English, Marcel and Dekker, NY, 2004) and SPM Applications, vol 2 (English, Springer, NY, 2005), "Electrical contacts: fundamentals, applications and technologies" (English, CRC Press, NY, 2007).