



Yuri N. KULCHIN

Vice-President of the Far Eastern Branch of the Russian Academy of Sciences (FEB RAS)

Director of the Institute of Automation and Control Processes of the Far Eastern Branch of the Russian Academy of Sciences

Title: Academician of Russian Academy of Sciences

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Education:

1973: A.B., Far Eastern State University, Russia

1976: M.S., Moscow Engineering Physics Institute, Russia

1982: Ph.D., Moscow Engineering Physics Institute, Russia

Ph.D. Thesis Title: "Holograms recording with spatially non-homogeneous referents waves transformed through fiber's and integrated optical elements"

1991: Dr.Sc.D, Moscow Engineering Physics Institute, Russia

Dr.Sc.D. Thesis Title: "Coherent-optical processors based on waveguide's information structures"

Career/Employment:

1976 – 1979: Research Assistant, Institute of Automation and Control Processes, Far Eastern Branch of Russian Academy of Sciences, Vladivostok;

1979 – 1982: Post-graduate student, Moscow Engineering Physics Institute, Moscow;

1982 – 1985: Assistant Professor, Physics Department, Far Eastern Polytechnic Institute, Vladivostok;

1985 – 1988: Head of the Physics Department, Far Eastern Polytechnic Institute, Vladivostok;

1988 – 1991: Postdoctoral student, Moscow Engineering Physics Institute, Moscow;

1991 – 1992: Professor, Physics Department, Far Eastern State Technical University, Vladivostok;

1991 – Present: Head, of the Optoelectronics Laboratory, Far-Eastern State Technical University, Far Eastern Federal University, Vladivostok;

1992 – 2004: Vice-President in Science Affairs, Far Eastern State Technical University, Vladivostok;

1993 – Present: **Member**, Science Council of Primorsky Region Government, Vladivostok;

1994 – 2004: Director, R&D Institute of Ocean Technology & Technique, Vladivostok;

1998 – Present: **Head**, Laboratory of Precision Optical Measuring Methods, Institute of Automation and Control Processes, Far Eastern Branch of Russian Academy of Sciences, Vladivostok;

2003: Corresponding Member of Russia Academy of Sciences;

2004 – Present: **Head**, Quantum and Optical Electronics Department, Far Eastern Federal University, Vladivostok;

2004 – Present: **Vice-President**, Far Eastern Branch of Russian Academy of Sciences, Vladivostok;

2005- Present: **Director**, Institute of Automation and Control Processes, Far Eastern Branch of Russian Academy of Sciences, Vladivostok;

2009 – Present: **Head** of Physics and Mathematics Cluster Far Eastern Federal University;

2009 – Present: **Vice-Director** of School of Sciences of Far Eastern Federal University;

2011- Present: **Full Member** (Academician) of Russian Academy of Sciences;

2015- Present: **Director**, Center of Laser Technology FEB RAS, Vladivostok.

Professional Summary:

Current interests include: Integrated and Fiber Optics; Nonlinear Optics; Nanophotonics; Holography; Optical Data Processing; Fiber-Optic Sensors and their application in Laser Interferometry and Distributed Measuring Systems; Optical Tomography; Optical Neural Networks; Applications of Optical Systems for Marine and Engineering Structures Health Monitoring and Protection.

Professional Societies:

- Russian Academy of Sciences (Russia)
- International Society for Optical Engineering SPIE (USA) (Vice-President SPIE-RUS)
- Optic Within Life Society OWLS (Germany)
- Laser Biology (China)
- International Academy of Education (Vice-president of Far Eastern Branch) (Russia)
- Academy of Natural Sciences (Russia)
- United Physical Society of Russia (President of Primorye Region Branch) (Russia).

Member of Editorial Board:

1. Journal of Laser Biology (China)
2. Journal of Pacific Science Review (Russia, Korea, Japan. China)
3. Journal of New Materials (Russia)
4. Journal of Ecology and Environmental (Russia)
5. Journal of Science in Far Eastern State Technical University (Russia)
6. Bulletin of Far Eastern Branch of Russian Academy of Sciences (Russia)
7. Journal of Optoelectronic Information-Power Technologies (Ukraine)
8. Quantum Electronics (Russia)
9. Autometriya (Russia)

Citations:

1999: Honored scientist of Russia Federation.
1999: Award of Primorsky Region Governor.
2000: Fellow Member of International Scientists and Engineer's Society.
2002: Honorary worker of High Education of Russia.
2002: Gold Medal and Diploma with Distinction at 51-th Exhibition "Brussels-Eureka-2002" for development the Optoelectronic Measuring Intelligence System.
2003: Corresponding Member of Russian Academy of Sciences.
2006: Member of the Board of the Russian Foundation of Basic Research.
2007: Fellow member of SPIE.
2010: Chair of FEB RAS Grant Commission.
2011: Full Member (Academician) of Russian Academy of Sciences.

Listed in «Who's Who in the World»

Author of more than 400 publications including 7 books and 24 patents.