

**Владимир Григорьевич Чигринов – первый
Почетный член Общества от Российского отделения**

Звание присвоено в январе 2008 г.
за выдающиеся результаты в исследовании жидких кристаллов
и в технологии и применениях жидкокристаллических дисплеев



В.Г.Чигринов - доктор физ.-мат.наук (1988 г.), профессор (1998 г.).
В 1973 г. окончил МИЭМ, в 1973-1996 г.г. работал в НИОПиК, в 1996-1999 г.г.
работал в ИКАН, с 1999 г. работает в Университете Науки и Технологий Гонконга.

Автор двух монографий, 50 патентов, 140 статей, 15 обзоров и
около 300 докладов на конференциях.

Один из основателей Российского отделения Общества, зам. председателя
Российского отделения с 1998 г., старший член Общества с 2004 г.

CURRICULUM VITA

Professor Chigrinov graduated from Faculty of Applied Mathematics, Moscow Electronics Institute, the Diploma of Engineer - Mathematician (MPhil) in 1973. In 1978, he obtained PhD degree in Solid State Physics (Liquid Crystals) in the Institute of Crystallography, USSR Academy of Sciences. In 1988, he becomes a Doctor of Physical and Mathematical Science and obtained a degree of a Professor in 1998. Since 1973, he was a Senior, Leading Researcher, and then Chief of Department in Organic Intermediates & Dyes Institute (NIOPIK). Since 1996 he was working as a Leading Scientist in the Institute of Crystallography, Russian Academy of Sciences and join HKUST in 1999, as an Associate Professor.

He was a coauthor of the first LC materials and devices based on Electrically Controlled Birefringence, Twisted Nematic and Supertwisted Nematic and Ferroelectric LC materials, working at understanding the fundamental aspects of LC physics and technology, including electrooptical effects in liquid crystals and optimization of LC device configurations. Some new LC Electrooptical Modes, such as Orientational Instability in Cholesteric LC, Deformed Helix Effect in Ferroelectric LC, and Total Internal Reflection, Surface Gliding Effect and Surface Induced Orientational Transition in Nematic LC were first described by him and confirmed in experiment. The classification of the Domain Structures in LC was made based on his theoretical predictions and simulation results. Efficient Modeling Universal System of LC Electrooptics software was developed with his direct participation and supervision. He was a coauthor of a pioneering work in LC Photo-aligning Technology, which has about 500 citations in scientific and technical journals.

He is an Expert in Flat Panel Technology in Russia, recognized by World Technology Evaluation Centre, 1994, a Senior Member of the Society of Information Display (SID) since 2004, SID Fellow since 2008. Since 1998 he is a Vice-President of Russian Chapter of SID. He is a member of Editorial Board of "Liquid Crystals Today" since 1996 and Associate Editor of Journal of SID since 2005. He is an author of 2 books, 15 reviews and book chapters, about 140 journal papers, more than 300 Conference presentations and 50 patents and patent applications in the field of liquid crystals since 1974. 8 PhD students defended their degrees under his supervision. He has outstanding poster paper award in IDW'03 and IDW'06, which are the largest display annual Conferences in Japan. He is a Member of International Advisory Committee for Advanced Display Technology Conferences in Russia, Ukraine and Belarus since 1999, European SID Program Committee since 2004, International Advisory Board of International Liquid Crystal Conference since 2006.

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