

PROFESSOR VLADIMIR GRIGOR'EVICH CHIGRINOV

***Professor Vladimir Chigrinov
has won the 2018 Slottow-Owaki Prize***

Professor Vladimir Chigrinov, Emeritus of ECE, has won the 2018 Slottow-Owaki Prize of the Society for Information Display (SID).

The award citation is «For his educational efforts in the field of liquid-crystal devices, as evidenced by his teaching, supervision of graduate students, and prolific publications and conference presentations». The award will be presented during the SID Award Banquet on May 21, 2018.

The Slottow-Owaki Prize is awarded for outstanding contributions to the education and training of students and professionals in the field of information display. The award is made by the Board of Directors acting on the recommendation of the Honors and Awards Committee and carries a stipend of US \$2000.

Academic Degrees:

M.S., Applied Mathematics, Moscow Technical University of Electronics and Mathematics, **1973**.

Ph.D., Solid State Physics, Shubnikov Institute of Crystallography, USSR Academy of Sciences. Thesis title «Investigation of Instabilities in Nematic Liquid Crystals», **1978**.

Doctoral Degree, Solid State Physics, Shubnikov Institute of Crystallography, USSR Academy of Sciences. Thesis title «Theory of Electrooptical Effects in Liquid Crystals», **1988**.

Professor Degree, Solid State Physics, Shubnikov Institute of Crystallography, Russian Academy of Sciences, **1998**.

Professional Experience:

1973–1983	Scientific Researcher of Organic Intermediates & Dyes Institute (NIOPIK, Moscow)
1983–1988	Leading Scientist of NIOPIK
1988–1996	Head of Division in NIOPIK
1996–2009	Leading Scientist of the Shubnikov Institute of Crystallography, Russian Academy of Sciences (Moscow)
1999–2002	Visiting Associate Professor of the Department of Electrical and Electronic Engineering, Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong
2002–2008	Associate Professor of the Department of Electrical and Electronic Engineering, Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong
2008– present	Professor of the Department of Electronic and Computer Engineering, Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong

Since 1999 Professor Vladimir G. Chigrinov is Professor of Hong Kong University of Science and Technology. He is an Expert in Flat Panel Technology in Russia, recognized by the World Technology Evaluation Centre, 1994, and SID Fellow since 2008. He is an author of 6 books, 25 reviews and book chapters, about 283 journal papers, more than 634 Conference presentations, and 112 patents and patent applications including 29 US patents in the field of liquid crystals (LC) since 1974. He got Excellent Research Award of HKUST School of Engineering in 2012. He obtained Gold Medal and The Best Award in the Invention & Innovation Awards 2014 held at the Malaysia Technology Expo (MTE) 2014, which was hosted in Kuala Lumpur, Malaysia, on 20–22 February

2014. He is a Member of EU Academy of Sciences (EUAS) since July 2017.

V.G. Chigrinov has pioneered LC photo-aligning technology for the LCD technology, including the new highly sensitive optically rewritable (ORW) photoaligning materials to write, store and rewrite again the information generated by computer on a glass or flexible carrier; superfast ferroelectric LC materials, LC photonics devices (filters, sensors, beam steers); software for LCD modeling and simulation (MOUSE-LCD). He was an organizer of plenty display conferences and workshops held in Hong Kong and Russia.

Below is a list of the winners of Slottow-Owaki Prize for the period 2007-2017.

2007	J. William Doane	2013	Hoi-Sing Kwok
2008	Tatsuo Uchida	2014	Han-Ping Shieh
2009	Ernst Lueder	2015	Jin Jang
2010	Philip J. Bos	2016	Shunsuke Kobayashi
2011	Shin-Tson Wu	2017	Deng-Ke Yang
2012	Lawrence Tannas, Jr.		

Web page: <http://www.ee.ust.hk/ece.php/profile/facultydetail/eechigr>