

## REPORT

### SID RUSSIA CHAPTER

May 2003 – September 2003

1. 25-28 August 2003. 12<sup>th</sup> International Symposium Advanced Display Technologies, Conference FLOWERS 2003, Exhibition and Invention Competition. Sponsors SID, USAF, Ministry of Industry, Science and Technology of Russian Federation. Information sponsors ID Magazine, and a set of Russian magazines. General information at [www.sid.org/chapters/russia/russia](http://www.sid.org/chapters/russia/russia) and [www.sid.org/conferences/flowers](http://www.sid.org/conferences/flowers).

The Program includes 80 oral and poster reports. The attendees are from Russia, Belorussia, Ukraine, USA, UK, The Netherlands, Korea, China, Singapore, Italy and other countries. 13 participants claimed on applications to the Invention Competition sponsored by the SID Texas Chapter (Director Zvi Yaniv). Two books were issued with 57 articles, 18 abstracts, description of 14 applications to the Invention Competition.

The Exhibition was presented by products of Fazotron-NIIR Corp. (Moscow), Amideon Co. (Minsk), AR Technology Co. (Moscow), Institute of Electronics (Minsk, Belorussia), R&D Institute of Precision Device Engineering (Moscow), Institute of Physical Culture and Sports (Moscow), R&D Institute Volga (Saratov).

Results of the Invention Competition:

**The 1st Award** and \$1000 were handed out to Yuri Trofimov and his group from Institute of Electronics, Minsk, Belorussia for a LED display with optical addressing and erasure.

**The 2nd Award** and \$500 was handed out to Boris Gorfinkel and his group from R&D Institute Volga, Saratov, Russia for a new vacuum display design with secondary electron emission.

**The 3rd Award** and \$250 was handed out to Andrei Rybalochka and Victor Sorokin from Institute of Semiconductor Physics, Kiev, Ukraine for a simple method of addressing of bistable LCDs.

The social Program included visits to Central Hall of the Mission Control Center in Korolev, Museum of Spacecrafts of Energiya Corporation in Korolev, Center of Astronauts Training in Zvezdny Gorodok (Star City), bus and boat trip in Moscow.

2. June-July 2003. Special display issues (No.3&4) of ELECTRONIC COMPONENTS Magazine. The issues involves >20 review and original papers on displays market, production, standards, military displays, different display technologies (LCD, PDP, VFD, LED, 3D, OLED, ELD, projection) by 15 authors from Russia, Belorussia, Ukraine and Finland.

3. 22-23 July 2003. Display seminar in ELARA Co., Cheboksary. Topic: To-date collective use screens in the base of plasma panels. Reports by A.N. Danilov (ELARA), N.A. Kargalskaya (ELARA), S.M. Romanov (EDIS, S-Petersburg), A.N. Ivlyushkin (Plasma, Ryazan), N. Yakunina (Ryazan).

4. May-June, September 2003. **Display seminars in Scientists Home in Saint-Petersburg.**

*Constructed by Chapter Director Victor Belyaev*