

**The West Ukraine Chapter activities – DIPED-2002 International  
Seminar/Workshop  
(for IEEE Electron Devices Society Newsletter)**

The IEEE MMT/ED/AP/CPMT/SSC West Ukraine Chapter together with the IEEE MTT/ED Republic of Georgia Chapter organized the VIIth International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED-2002). It was held on October 10-13, 2002, at Tbilisi State University, Tbilisi, Georgia. The Electron Devices Society provided technical co-sponsorship of the DIPED-2002; the Seminar Proceedings were included in the IEEE Book Broker Program. The MTT, AP, CPMT, SSC Societies, and Section Ukraine were among the supporting IEEE institutions.

The 33 papers from Georgia, Germany, Poland, Russia, Taiwan, USA, and Ukraine were presented at the Seminar in the 5 sections:

*Propagation and Scattering in Non-homogeneous Media*  
*Electrodynamics of Crystals and Waveguide Structures*  
*Antennas and Scattering*  
*Waveguides and Transmitting Lines*  
*Synthesis Theory and Acoustics*

The most interesting presentations were the following:

“The asymmetry of the near field of nonsuperdirected small antenna”  
*B. Z. Katsenelenbaum*, Moscow, Russia,

“On the theory of symmetric short vibrator” *G. Sh. Kevanishvili*, Tbilisi, Georgia,

“Electromagnetic imaging for a conducting cylinder buried in the three layers structure” *Chien-Ching Chiu*, Tamsiu, Taiwan.

Young scientists, students, and Ph.D. students participated in the DIPED as well. The Organizing Committee traditionally awards the young speakers for the best papers. This year three young speakers were recognized for their presentations.



They were: Giorgi Ghvedashvili, Tbilisi State University, Tbilisi, Georgia (Experimental and Numerical Investigation of Pear-shaped Antenna), David Kakulia, Tbilisi State University, Tbilisi, Georgia (Investigation of the resonance characteristics of the car-case), Oleg Kusyi, Pidstryhach Institute of Applied Problems of Mechanics and Mathematics, NASU, Lviv,

Ukraine (Bicriterion optimization problems for power transmitting line). The young speakers were awarded at the closing dinner.

The next annual Seminar/Workshop DIPED will be held on September 23-25, 2003, at Pidstryhach Institute of Applied Problems of Mechanics and Mathematics, NASU, Lviv, Ukraine. For more information, please contact Dr. Mykhaylo I. Andriychuk via e-mail [andr@iapmm.lviv.ua](mailto:andr@iapmm.lviv.ua), and Dr. David D. Karkashadze via e-mail [lae@access.sanet.ge](mailto:lae@access.sanet.ge), or visit the West Ukraine Chapter Web Site at <http://www.ewh.ieee.org/soc/cpmt/ukraine>.