

**XIIth International Seminar/Workshop
on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory
(DIPED-2007)**

The annual International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED) is principal event organized by the Chapter together with the MTT/ED/AP Georgian Chapter this year. This Meeting is held annually in rotate basic at the Institute of Applied Problems of Mechanic and Mathematics, Lviv, Ukraine and Tbilisi State University, Tbilisi, Georgia. The DIPED-2007 was held in Lviv.

The Electron Devices Society provided technical co-sponsorship for the DIPED-2007; the Seminar Proceedings were included in the IEEE Conference Publications Program. The SSC, MTT, AP, CPMT Societies, and Section Ukraine were among the supporting IEEE institutions.

45 papers presented by the scientists from Georgia, France, Israeli, Poland, Russia, USA, and Ukraine were included into Seminar/Workshop Program. The reports were presented at the 5 following Sections:

- **Propagation of Electromagnetic Waves in Wave guides and Non-homogeneous Media**
- **Analytical and Numerical Methods**
- **Inverse Problems**
- **Antennas and Arrays**
- **Acoustics and Signal Processing**

Two reports of Prof. Revaz S. Zaridze with co-authors named “**The Internet Network Connection through the LinkStar RCST Terminal in Georgia**”, and Prof. Nikolai N. Voitovich “**Calculation of complex impedance coating for the back scattering minimization**” in the topic “Wireless Communications” were most interesting presented at the Plenary Session.

Traditionally, the best papers of young speakers were awarded. The Best Young Speaker Award won Dr. Tamar Gogua (Tbilisi State University, Georgia) for “**The Internet Network Connection through the LinkStar RCST Terminal in Georgia**”, Mr. Simon Hemour (Institute National Polytechnic de Grenoble, IMEP, Grenoble, France) for “**Evaluation of impedance matrix elements for microstrip T-junction discontinuity**”, Svyatoslav Litynskyi (Lviv National University, Ukraine) for “Laguerre transform and boundary elements method in problems of numerical modeling of wave propagation”, Olena Pavlyushina (Donetsk National University, Ukraine) for “**Concentration effect of energy normal SH -wave density in the waveguide formed two anisotropic semi-layers joined under an angle**”, Kateryna Yarko (Institute of Radioastronomy, NASU, Kharkiv, Ukraine) for “**Fast algorithm for solving of the light diffraction problem on planar periodic structures**”.

The next Seminar/Workshop DIPED will be held at the Tbilisi State University, Tbilisi, Georgia, on September 22-25, 2008.



Fig. 1. Group of DIPED-2007 participants at the Closing Session