



# XXX<sup>th</sup> International Seminar/Workshop on DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY DIPED-2025

September 8-10, 2025

Tbilisi, Georgia

## FIRST CALL FOR PAPERS

### General Information

The 30<sup>th</sup> edition of IEEE International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory (DIPED-2025) will be held in Tbilisi, Georgia on September 8-10, 2025. Ivane Javakhishvili Tbilisi State University will host this event, which will be held in the mixed on - line and live format. The DIPED Seminar/Workshop series is IEEE technically co-sponsored events starting 1997, and all previous Proceedings were included into IEEE Xplore Digital Library and referred in Scopus.

The workshop provides an opportunity to exchange scientific results and current research progress in the area of electromagnetics, electrodynamics, antennas and acoustics theory and applications. The Seminar/Workshop is organized by both the IEEE MTT/ED/AP/EMC Georgian Chapter and MTT/ED/AP/CPMT/SSC West Ukraine Chapter. Technical sponsors include the IEEE Electron Devices, Antenna and Propagation and Microwave Theory and Techniques Societies.

**Accepted papers will be submitted for possible inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.**

Suggested Topics	Organizing Committee	Program Committee
<ul style="list-style-type: none"> <li>Theoretical aspects of electrodynamics</li> <li>Scattering and diffraction</li> <li>Propagation in complex media</li> <li>Numerical methods in electrodynamics</li> <li>Inverse problems and synthesis</li> <li>Antennas and arrays</li> <li>Signal Processing in EM and acoustics</li> <li>Waveguides and photonic crystal structures</li> <li>Geomagnetism</li> <li>Acoustics: theory and applications</li> </ul>	<p><b>Organizing Committee Chairman</b>  <i>Prof. Revaz Zaridze</i>            Ivane Javakhishvili Tbilisi State University            3, Tchavtchavadze Ave.            Tbilisi, 0179, Georgia            Tel: +995 599 965825            E-mail: <a href="mailto:revaz.zaridze@tsu.ge">revaz.zaridze@tsu.ge</a></p> <p><b>Organizing Committee Secretary</b>  <i>Assist. Prof. Tamar Nozadze</i>            Ivane Javakhishvili Tbilisi State University            1, Tchavtchavadze Ave.            Tbilisi, 0179, Georgia            Tel: +995 322 250484/+995 591 220646            E-mail: <a href="mailto:tamar.nozadze@tsu.ge">tamar.nozadze@tsu.ge</a></p>	<p><b>Program Committee Chairman</b>  <i>Dr. Mykhaylo Andriychuk</i>            Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, NASU            3<sup>rd</sup> B<sup>nd</sup> Naukova St., Lviv, 79060, Ukraine            Tel: +38 032 2589646/Fax: +38 032 2637270            E-mail: <a href="mailto:andr@iapmm.lviv.ua">andr@iapmm.lviv.ua</a></p> <p><b>Program Committee Secretary</b>  <i>Dr. Victor Tkachuk</i>            Pidstryhach Institute for Applied Problems of Mechanics and Mathematics, NASU            3<sup>rd</sup> B<sup>nd</sup> Naukova St., Lviv, 79060, Ukraine            Tel: +38 032 2585144/Fax: +38 032 2637270            E-mail: <a href="mailto:tkacukld@gmail.com">tkacukld@gmail.com</a></p>

### Important Dates

**August 1, 2025**

*Papers submission due*

**August 12, 2025**

*Paper acceptance notification*

**August 20, 2025**

*Final paper submission*

**September 8-10, 2025**

*DIPED-2025 Seminar/Workshop*

### Instruction for Authors

The papers should be written in English on 4-6 full pages of A4, including text, formulas, figures and references. Information about paper's template and instruction how to send the camera-ready paper is available at the Seminar/Workshop website (see below).

**For more information, visit:**

<http://ewh.ieee.org/r8/ukraine/georgian/DIPED/>

<http://www.ewh.ieee.org/soc/cpmt/ukraine/>