

P R O G R A M

**The Tenth International Symposium on
Dielectric Materials and Application
(ISyDMA'10)**

Chisinau, Republic of Moldova, June 30 -July 4, 2026

SUPPORTED BY



Executive Committee of ISyDMA



Academy of Sciences of Moldova



Institute of Applied Physics of MSU



National Institute for Cybersecurity Innovations of
Moldova

ORGANIZED BY



Technical University of Moldova

Conference schedule

Tuesday June 30		Wednesday July 01	Thursday July 02	Friday July 03	Saturday July 04
Arriving	8 ⁰⁰ — 8 ³⁰	Registration			
	8 ³⁰ – 9 ⁰⁰	Opening ceremony			
	9 ⁰⁰ – 9 ³⁰	Plenary Forum (<i>Key invited</i>)	Plenary Forum (<i>Key invited</i>)	Plenary Forum (<i>Key invited</i>)	Panel discussion related to next ISyDMA edition
	9 ³⁰ – 10 ⁰⁰				
	10 ⁰⁰ – 10 ³⁰				Closing Ceremony
	10 ³⁰ – 11 ⁰⁰	Coffee Break	Coffee Break	Coffee Break	Coffee refreshment
	11 ⁰⁰ – 11 ²⁵	Plenary Forum (<i>Invited</i>)	Plenary Forum (<i>Invited</i>)	Plenary Forum (<i>Invited</i>)	Departure
	11 ²⁵ – 11 ⁵⁰				
	11 ⁵⁰ – 12 ¹⁵				
	12 ¹⁵ – 12 ⁴⁰	ISyDMA'10 Group Photo			
	12 ⁴⁰ – 14 ²⁰	Lunch Break	Lunch Break	Lunch Break	
	14 ²⁰ – 14 ⁴⁰	Section presentations (invited / oral)	Section presentations (invited / oral)	<u>Conference Trips :</u> 1. City - Winery „ Milestii <u>Mici</u> ” - Monastery "Capriana". 2. City - "Historical Museum" - –"Dendrarium"- Ethnographic Museum" – "Botanic Garden"— Relaxation party with refreshing drinks. 3. City - Winery „Cricova " - Monastery "Curchi".	
	14 ⁴⁰ – 15 ⁰⁰				
Registration	15 ⁰⁰ – 15 ²⁰				
	15 ²⁰ – 15 ⁴⁰				
	15 ⁴⁰ – 16 ⁰⁰				
	16 ⁰⁰ – 16 ²⁰				
	16 ²⁰ – 16 ⁴⁰	Coffee refreshment	Coffee refreshment		
16 ⁴⁰ – 18 ⁰⁰	Poster presentations				
Welcome Party	19 ⁰⁰ – 21 ⁰⁰		Conference Dinner		

10th International Symposium on Dielectric Materials and Application (ISyDMA'10)

June 30 -July 4, 2026

P R O G R A M

Tuesday *June 30, 2026*

15 ⁰⁰ – 18 ⁰⁰	Registration – Lobby of the Technical University of Moldova, <i>bd. Stefan cel Mare, 168</i>
19 ⁰⁰ – 21 ⁰⁰	Welcome Party – <i>Cybercor</i> , Technical University of Moldova, <i>bd. Stefan cel Mare, 168</i>

Wednesday, July 1, 2026

8 ⁰⁰ – 8 ³⁰	Registration – Lobby of the <i>Cybercor</i> MAGNA Hall of Technical University of Moldova, <i>bd. Stefan cel Mare, 168</i>
8 ³⁰ – 9 ⁰⁰	Opening ceremony - <i>Cybercor</i> MAGNA Hall of Technical University of Moldova, <i>bd. Stefan cel Mare, 168</i>
Plenary Forum (<i>Key invited</i>) <u>MAGNA Hall</u> Chairmen: <i>Prof. Vladimir FOMIN; Prof. Yasuo CHO</i>	
9 ⁰⁰ – 9 ³⁰	BROSSEAU Christian, * Université de Bretagne Occidentale, Brest, <u>France</u> " <i>Electromagnetism of Functional Biomaterials</i> "
9 ³⁰ - 10 ⁰⁰	BANYs Juras, Saulius Rudys, Vidmantas Kalendra, Šarūnas Svirskas, Sergejus Balčiūnas, Robertas Grigalaitis, Saulius Lapinskas * Vilnius University, Vilnius, <u>Lithuania</u> " <i>Broad band frequency measurements of advanced materials</i> "
10 ⁰⁰ –10 ³⁰	SIDORENKO Anatolie * Technical University of Moldova, Institute of Electronic Engineering and Nanotechnologies, <u>Moldova</u> " <i>Innovations for Neuromorphic Computer: Insulators, Semiconductors and</i>

	<i>Superconductors for Base Elements of Brain-Inspired Neural Networks</i>
10 ³⁰ - 11 ⁰⁰	Coffee Break – Lobby of the Cybercor of Technical University of Moldova
Plenary Forum (<i>Invited</i>) <u>MAGNA Hall</u> Chairmen: <i>Prof. Nimet KARAGÜLLE; Prof. Alin VELEA</i>	
11 ⁰⁰ –11 ²⁵	IDOUHLI Rachid, O. Zakir, M. Khadiri, B. Dikici, A. Abouelfida * Cadi Ayyad University, Marrakesh, <u>Morocco</u> <i>“Advanced Functional Materials for Environmental Protection and Electrochemical Sensing”</i>
11 ²⁵ –11 ⁵⁰	ODAGAWA Hiroyuki, M. Kobayashi, K. Tokuda * National Institute of Technology, Koshi, <u>Japan</u> <i>„Plantar Pressure Measurement Using Sol–Gel Composite Piezoelectric Film Sensors for Prosthetic and Orthotic Fabrication”</i>
11 ⁵⁰ –12 ¹⁵	GALCA Aurelian Catalin * National Institute of Materials Physics, Magurele, <u>Romania</u> <i>“Emerging Chalcogenides for Sustainable Energy and Environmental Applications”</i>
12 ¹⁵ – 12 ⁴⁰	ISyDMA’10 Group Photo
12 ⁴⁰ – 14 ²⁰	Lunch Break – Hall 215, Technical University of Moldova

Section presentations <i>(Invited /oral)</i> Section 1: Dielectric materials for electronics and photonics <u>MAGNA Hall</u> Chairmen: <i>Prof. Maria RAJI; Prof. Nimet KARAGÜLLE;</i>
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14 ²⁰ –14 ⁴⁰	BAJJOU Omar, M.Al-Hattab, A.Najim, Y.Lachtioui, K. Rahmani * Sultan Moulay Slimane University, Beni Mellal, <u>Morocco</u> <i>“Charge Carrier and Optical Properties of porphyrin supported onto multi-walled carbon nanotubes”</i> <i>(Invited presentation)</i>
14 ⁴⁰ –15 ⁰⁰	S. I. BERIL, A. S. Starchuk *T. G. Shevchenko Pridnestrovian State University, Tiraspol, <u>Moldova</u> <i>“ Phonon-Plasmonic Bipolaronic Superconductivity in the FeSe/SrTiO₃ Quantum Structure”</i> <i>(Invited presentation)</i>
15 ⁰⁰ –15 ²⁰	Larisa Mazilu, George Stoian, Petronel Postolache, Lavinia Curecheriu * Alexandru Ioan Cuza University, Iasi, <u>Romania</u> <i>“Functional properties of BaTiO₃-Fe₂O₃ magnetoelectric ceramics”</i> <i>(Oral presentation)</i>
15 ²⁰ –15 ⁴⁰	Assamadi Chaima, EL MASLOUMI Mohamed1, EL ABIAD Abdelaziz, AOUAD Hakima * Cadi Ayyad University, Marrakech, <u>Morocco</u> <i>“Structural, Photocatalytic, and Dielectric Properties of Glass-Ceramics”</i> <i>(Oral presentation)</i>
15 ⁴⁰ –16 ⁰⁰	L. Yin, T. Ricart, F. Ducroquet, A. Cantaluppi, A. Lahmar, A. Sylvestre and N. Lemée * University of Picardie Jules Verne, <u>France</u> <i>“Geometry-driven dielectric enhancement in SrTiO₃/BaTiO₃ superlattices”</i> <i>(Oral presentation)</i>
Section presentations <i>(Invited /oral)</i> Section 2: Chalcogenide glasses and wide – gap semiconductors <u>(Hall 205)</u> Chairmen: <i>Prof. Andriy KRYUCHYN</i>; <i>Ass. Prof. Marina CIOBANU</i>	
14 ²⁰ –14 ⁴⁰	HALENKOVIC Tomas, J. Gutwirth, S. Šlang, K. Bečvář, V. Kucek, P. Němec, V. Nazabal * University of Pardubice, Pardubice, <u>Czech Republic</u> <i>“ Composition–structure–property relationships in amorphous sulfide thin films prepared by RF magnetron co-sputtering”</i> <i>(Invited presentation)</i>

14 ⁴⁰ – 15 ⁰⁰	ACHIMOVA Elena, V. Abaskin, D. Muntean, S. Moldovanu, C. Losmanschii, V. Cazac, V. Botnari * Institute of Applied Physics, State University of Moldova, Chisinau, <u>Republic of Moldova</u> <i>“The influence of a pseudo-randomly polarized beam patterning in nanomultilayer structures based on chalcogenide glasses”</i> <i>(Invited presentation)</i>
15 ⁰⁰ – 15 ²⁰	M. Ciobanu, A-C. Galca, A. Velea, E. Stoianova, A. Afanasiev, TSIULYANU Dumitru *Technical University of Moldova, Chisinau, <u>Republic of Moldova</u> <i>“Light-induced bleaching and refractive index change in vitreous AsS₃-GeS₄ thin films”</i> <i>(Invited presentation)</i>
15 ²⁰ – 15 ⁴⁰	M.-I. Belciu, A. Velea, G.A. Nemnes * National Institute of Materials Physics, Magurele, <u>Romania</u> <i>“Glass transition temperature of chalcogenides predicted by large neural network models”</i> <i>(Oral presentation)</i>
15 ⁴⁰ – 16 ⁰⁰	F. Sava, C.Mihai, I.D. Simandan, N. Becherescu, A. Velea * National Institute of Materials Physics, Magurele, <u>Romania</u> <i>“Synthesis of two-dimensional transition metal dichalcogenides and heterostructures by physical vapor deposition”</i> <i>(Oral presentation)</i>
Section presentations <i>(Invited /oral)</i> Section 3: Dielectric devices for biotechnological and industrial applications <u>(Hall 101)</u> Chairmen: <i>Prof. Lavinia CURECHERIU; Dr. Sorina IFTIMIE</i>	
14 ²⁰ – 14 ⁴⁰	DIKICI Burak, D. Seifzadeh, Y. Say, O. Guler * Ataturk University, <u>Türkiye</u> <i>“ In-Vitro Corrosion Performance of Nanocarbon-Reinforced Biodegradable Magnesium-Matrix Composites under Simulated Physiological Conditions”</i> <i>(Invited presentation)</i>
14 ⁴⁰ – 15 ⁰⁰	G. Ayvazyan, S. Khudaverdyan, L. Lakhoyan, A. Vaseashta *International Clean Water Institute, Strategic Research Division, 9108 Church St., Manassas, VA 20110, USA

	„Optical, Electrical, and Gas Sensing Properties of ZnO Dielectric Films on Black Silicon Substrate” (Oral presentation)
15 ⁰⁰ –15 ²⁰	Tabia Hind, EL Khatabi. El Hassan, EL Hadiri Najat * University Cadi Ayyad, Marrakech, <u>Morocco</u> “Simultaneous Removal of Anionic and Cationic Dye Mixtures from Wastewater Using Calcined Zn₂–Al–CO₃ Layered Double Hydroxides” (Oral presentation)
15 ²⁰ –15 ⁴⁰	V. Botnari, E. Achimova, V. Abaskin, A. Meshalkin, V. Cazac, C. Loşmanschii, D. Spoială * Institute of Applied Physics, Moldova State Univesity, Chisinau, <u>Republic of Moldova</u> “Holographic recording and AFM characterization of diffractive optical elements in azopolymer–Au Nanocomposites” (Oral presentation)
15 ⁴⁰ –16 ⁰⁰	C. Losmanschii, E. Achimova, V. Abaskin, S. Moldovanu, A. Meshalkin, V. Cazac, V. Botnari * Institute of Applied Physics, Moldova State Univesity, Chisinau, <u>Republic of Moldova</u> “Direct Electron Beam Patterning of Diffractive Structures in PEPC-SY3 Azopolymer Films” (Oral presentation)
16 ⁰⁰ - 16 ²⁰	S. Chlaïh, K. EL Ataoui, N. EL Hadiri *Cadi Ayyad University, UCA, Faculty of Science Semlalia, Marrakech, <u>Morocco</u> "Transforming Clay and Marble Waste into High-Performance Ceramic Membranes for Textile Effluent Microfiltration" (Oral presentation)
Section presentations (Invited /oral) Section 4. Applications of emerging materials, insulators and devices (Hall 325) Chairmen: <u>Prof. Ari Paavo SEITSONEN</u>; <u>Prof. Gheorghe DUCA</u>	
14 ²⁰ –14 ⁴⁰	Gheorghe Duca, Lidia Romanciuc, COVALIOVA Olga * Institute of Chemistry, Moldova State University, Chisinau, <u>Republic of Moldova</u>

	<i>“Coupling of Dielectric Barrier Discharge with Fenton’s System in Pollution Control of Water Environment”</i> <i>(Invited presentation)</i>
14 ⁴⁰ –15 ⁰⁰	Taras Bryk, Rodolphe Vuilleumier and SEITSONEN Ari Paavo * École Normale Supérieure, Paris, <u>France</u> <i>“Dielectric Properties of Liquid Water: The Importance of Long-Range Interactions”</i> <i>(Invited presentation)</i>
15 ⁰⁰ –15 ²⁰	A. Zourif, O. Chajii * Mohammed VI Polytechnic University, <u>Morocco</u>. <i>“Optimizing organosolv extraction of lignin from Rubia waste for textile industry valorization”</i> <i>(Oral presentation)</i>
15 ²⁰ –15 ⁴⁰	Loubna Ghallali, Brahim Makka, Mohamed EL Guendouzi * University Hassan II-Casablanca, Casablanca, <u>Morocco</u> <i>“Solubility, Phase Equilibria, and Solid Phase Characterization of Potassium and Sodium Pyrophosphate in Aqueous Solutions over the Temperature Range 298.15–353.15 K”</i> <i>(Oral presentation)</i>
15 ⁴⁰ –16 ⁰⁰	L. Konopko, A. Nikolaeva, T. Huber, D. Shiversky * Technical University of Moldova, Chisinau, <u>Republic of Moldova</u> <i>“Calorimetric Gas Sensors with Catalytic Decomposition of H2O2 by MnO2 Based on Heat Flux Sensors”</i> <i>(Oral presentation)</i>
16 ⁰⁰ –16 ²⁰	M. Turcan, V. Tonu, E. Starodub, S. Bazgan, T. Paslari, N. Enaki, A. Vaseashta *Moldova State University, Chisinau, <u>Republic of Moldova</u> <i>“Super-Radiant Emission Spectra of Tryptophan under UV Exposure for Biomedical Applications”</i> <i>(Oral presentation)</i>
16 ²⁰ –16 ⁴⁰	Coffee refreshment – Lobby of the Cybercor of Technical University of Moldova
16 ⁴⁰ –18 ⁰⁰	Poster Presentations - Hall 100, Technical University of Moldova

Thursday July 2, 2026

Plenary Forum (Key invited) <u>MAGNA Hall</u> Chairmen: <u>Prof. Juras BANYŠ</u> ; <u>Prof. Amina TACHAFINE</u>	
9 ⁰⁰ – 9 ³⁰	VASEASHTA Ashok *Strategic Research, International Clean Water Institute, Manassas, <u>USA</u> <i>“Advanced Nanomaterials-Based Sensing Platforms for Enhanced Situational Awareness Using Augmented Artificial Intelligence”</i>
9 ³⁰ – 10 ⁰⁰	CHO Yasuo * Tohoku University, <u>Japan</u> <i>“Resent Progress on the Research and Development for Practical Application of HDD-Type Ultra-High Density Ferroelectric Data Storage”</i>
10 ⁰⁰ - 10 ³⁰	MASER W. K., A. M. Benito * Instituto de Carboquímica (CSIC), Zaragoza, <u>Spain</u> <i>“Carbon Nanomaterials as Dielectric-Active Interface”</i>
10 ³⁰ –11 ⁰⁰	Coffee Break - Lobby of the Cybercor of Technical University of Moldova
Plenary Forum (Invited) <u>MAGNA Hall</u> Chairmen: <u>Prof. Ruzha HARIZANOVA</u> ; <u>Prof. Aurelian Catalin GALCA</u>	
11 ⁰⁰ –11 ²⁵	URSAKI Veaceslav, Vadim Morari *National Center for Materials Study and Testing, Technical University of Moldova, <u>Moldova</u> <i>“Tailoring the surface topology, wettability, and optical bandgap of metal oxide films by means of tuning their compositions and technological conditions in spray pyrolysis ”</i>
11 ²⁵ –11 ⁵⁰	N. KARAGULLE, A. Vaseashta * Mersin University, Mersin, <u>Türkiye</u> <i>" Electropun Piezoelectric Nanofibers for Tissue Engineering Applications "</i>

11 ⁵⁰ – 12 ¹⁵	M.-I. Belciu, I.D. Simandan, F. Sava, C. Mihai, VELEA Alin * National Institute of Materials Physics, Magurele, <u>Romania</u> <i>“High-throughput machine learning-guided exploration of chalcogenide materials for resistive switching devices”</i>
12 ¹⁵ – 12 ⁴⁰	BALAZSI Csaba, Katalin Balázsi * HUN-REN Centre for Energy Research, Institute for Technical Physics and Materials Science, Budapest, <u>Hungary</u> <i>“Silicon nitride ceramic substrates for chip substrate applications”</i>
12 ⁴⁰ – 14 ²⁰	Lunch Break – Hall 215, Technical University of Moldova
Section presentations <i>(Invited /oral)</i> Section 1: Dielectric materials for electronics and photonics <u>MAGNA Hall</u> Chairmen: <i>Prof.Omar BAJJOU; Prof. RAJI Marya</i>	
14 ²⁰ – 14 ⁴⁰	RAJI Marya * Mohammed VI Polytechnic University, Ben Guerir, <u>Morocco</u> <i>“Dielectric Nanoparticles for EMI Shielding Applications“</i> <i>(Invited presentation)</i>
14 ⁴⁰ – 15 ⁰⁰	CAZAC Veronica, Constantin Losmanschii, Vladislav Botnari, Vladimir Abashkin, Elena Achimova * Institute of Applied Physics, Moldova State University, Chisinau, <u>Moldova</u> <i>“Quantitative Phase Imaging by All-Fiber Polarized Digital Holographic Microscopy”</i> <i>(Invited presentation)</i>
15 ⁰⁰ – 15 ²⁰	E.I. Monaico, E.V. MONAICO * National Center for Materials Study and Testing, Technical University of Moldova, Chisinau, <u>Republic of Moldova</u> <i>“ Electrochemical and Morphological Characterization of Gold Nanostructures on GaAs”</i> <i>(Invited presentation)</i>

15 ²⁰ – 15 ⁴⁰	Y. Nioua, I. Bouknitair, Z. Samir, M. P. F. Graça, M. E. Achour, L. C. Costa * University Ibn Tofail, Kenitra, <u>Morocco</u> " Dielectric Response and Relaxation Dynamics of GE/P(VDF-TrFE) Nanocomposites: Influence of Graphene Loading and Temperature " <i>(Oral presentation)</i>
15 ⁴⁰ – 16 ⁰⁰	Messaoud Tamin, Outman El Khouja, Mohamed Guemmaz, Charif Tamin, Ilhame Assahsahi, Sara Laafar, Cristina Besleaga, Zacharie Jehl Li Kao, Edgardo Saucedo, Denis Chaumont, and Aurelian Catalin Galca * National Institute of Materials Physics, Magurele, <u>Romania</u> "Tailoring the Properties of CZTS Thin Films through Cation Substitution and Thermal Annealing" <i>(Oral presentation)</i>
16 ⁰⁰ – 16 ²⁰	A. Costas, G. Schinteie, K. Gheorghe, R. Grigore, R. Lavric, A. Kuncser, V. Kuncser *National Institute of Materials Physics, Magurele, <u>Romania</u> "Microfabrication of FePt/W/FePt Multilayer Heterostructures via Photolithography for Spintronic Applications " <i>(Oral presentation)</i>
16 ²⁰ – 16 ⁴⁰	Coffee refreshment - Lobby of the Cybercor of Technical University of Moldova
Section presentations <i>(Invited /oral)</i> Section 2 : Chalcogenide glasses and wide – gap semiconductors <i>(Hall 205)</i> Chairmen: <i>Dr. Hab. Elena ACHIMOVA; Dr.Tomas HALENKOVIC</i>	
14 ²⁰ – 14 ⁴⁰	CIOBANU Marina *Technical University of Moldova, Chisinau, <u>Republic of Moldova</u> „Glassy quaternary chalcogenides thin films in chemical and optoelectronic transducers" <i>(Invited presentation)</i>
14 ⁴⁰ – 15 ⁰⁰	R.M. HOLOMB, V.M. Mitsa, O.B. Kondrat, O V. Mitsa, O.O. Kondrat, L. Himics, M. Veres * HUN-REN Wigner Research Centre for Physics, Budapest, <u>Hungary</u> "Fabrication and structural reconfiguration of nanostructured As-S chalcogenide films via gold nanoparticles and laser processing" <i>(Invited presentation)</i>

15 ⁰⁰ – 15 ²⁰	Abdessamad El Kanouny, Viorica Stancu, Ahmed El Manouni, Sara Laafar, Andrei Gabriel Tomulescu, Lucia Nicoleta Leonat, Abdelmajid Almaggoussi, Cristina Besleaga, Aurelian Catalin Galca * National Institute of Materials Physics, Magurele, <u>Romania</u> <i>“Interface Engineering and Absorber Quality Control in Tin Sulfide-Based Hybrid Photovoltaic Devices”</i> <i>(Oral presentation)</i>
15 ²⁰ – 15 ⁴⁰	Kochubei H., Stronski A., Kavetsky T., Balayeva N., Zahn D.R.T. * V. Lashkaryov, Institute of Semiconductor Physics NAS Ukraine, Kyiv, <u>Ukraine</u> <i>“Structural studies of (AsSe)_{100-x} Ag_x glasses”</i> <i>(Oral presentation)</i>
15 ⁴⁰ – 16 ⁰⁰	V. Suman, V. Morari, D. Bragari, E. Monaico, L. Ghimpu, E. Rusu, E. V. Monaico *Institute of Electronic Engineering and Nanotechnologies „D. Ghitu”, Technical University of Moldova, Chisinau, <u>Republic of Moldova</u> <i>„Characterization of Morphological, Optical, and Electrophysical Properties of Cu₂O Thin Films Obtained by RF Sputtering”</i> <i>(Oral presentation)</i>
16 ²⁰ – 16 ⁴⁰	Coffee refreshment – Lobby of the Cybercor of Technical University of Moldova
Section presentations <i>(Invited /oral)</i> Section 3: Dielectric devices for biotechnological and industrial applications <u>(Hall 101)</u> Chairmen: <i>Prof. Burak DIKICI; Dr. Veronica CAZAC</i>	
14 ²⁰ – 14 ⁴⁰	S. IFTIMIE, M.C. Balasin, V.A. Antohe, O. Rasoga, M. Socol, A. Radu, S. Antohe *University of Bucharest, Bucharest, <u>Romania</u> <i>“Induced effects of patterned substrates on the electrical and photo-electrical properties of PTB7-Th:ICBA (1:1, wt.%) bulk-heterojunction solar cells”</i> <i>(Invited presentation)</i>
14 ⁴⁰ – 15 ⁰⁰	Rayene Merah, Abdessamad El Kanouny, Andrei Gabriel Tomulescu, Lucia Nicoleta Leonat, Messaoud Tamin, Viorica Stancu, Cristina Besleaga, Warda Darenfad, Aurelian Catalin Galca * National Institute of Materials Physics, Magurele, <u>Romania</u> <i>„Interface Engineering of TiO₂/Sb₂S₃ Thin Film Solar Cells Deposited by Spray Pyrolysis”</i> <i>(Oral presentation)</i>

15 ⁰⁰ – 15 ²⁰	A. Afanasiev, Olga Mocreac, S. Gutium, D.Tsiulyanu *Technical University of Moldova, Chisinau, Republic of Moldova <i>“Thick films based on Te-NaNO₃ nanocomposites: structure and electrical conductivity”</i> <i>(Oral presentation)</i>
15 ²⁰ – 15 ⁴⁰	El Abiad Marouane, Assamadi Chaima, El Masloumi Mohamed, Belaqqiz Majdouline, El Abiad Abdelaziz, Aouad Hakima * Cadi Ayyad University, Marrakech, <u>Morocco</u> <i>“Enhanced Photocatalytic Performance of Titanium-Phosphate Glasses under Visible-Light Irradiation”</i> <i>(Oral presentation)</i>
15 ⁴⁰ – 16 ⁰⁰	Luminița Nastas, Ioan-Alexandru Bărăgau, Hans-Jørgen Albrechtsen, Konrad Gizynski, Elizaveta Vereshchagina, Oana Rasoga * National Institute of Materials Physics, Magurele, <u>Romania</u> <i>„Raman and DFT simulation spectra of some prevalent herbicide metabolites”</i> <i>(Oral presentation)</i>
16 ²⁰ – 16 ⁴⁰	Coffee refreshment – Lobby of the <i>Cybercor</i> of Technical University of Moldova
19 ⁰⁰ – 21 ⁰⁰	<u>Conference Dinner:</u> Restaurant SUMMIT "SUMMIT EVENTS & CONFERENCE CENTER" str. Tighina, 49/3, scara 1, parter, Chișinău, Moldova

Friday, July 3, 2026

Plenary Forum (Key invited) <u>MAGNA Hall</u> Chairmen: <i>Prof. Christian BROSSEAU; Prof. Wolfgang MASER</i>	
9 ⁰⁰ – 9 ³⁰	FOMIN Vladimir * Institute for Emerging Electronic Technologies (IET), Leibniz & Institute for Solid State and Materials Research (IFW), Dresden, <u>Germany</u> <i>"Phonons, polarons and Raman scattering in layered quantum crystalline materials"</i>
9 ³⁰ – 10 ⁰⁰	P. Palani, D. Fasquelle, Amina TACHAFINE *Unite de Dynamique et Structure des Materiaux Moleculaires, Universite du Littoral – Cote d’Opale, Calais, <u>France</u>

	<i>“ Lead-Free Oxides for Electrical Energy Storage ”</i>
10 ⁰⁰ - 10 ³⁰	KRYUCHYN Andriy * Institute for Information Recording, National Academy of Science of Ukraine, Kyiv, <u>Ukraine</u> <i>“Methods for creating submicron structures by direct laser writing”</i>
10 ³⁰ –11 ⁰⁰	Coffee Break - Lobby of the Cybercor of Technical University of Moldova
	Plenary Forum (Invited) MAGNA Hall Chairmen: Prof.ODAGAWA Hiroyuki ; Prof. Rachid IDOUHLI
11 ⁰⁰ –11 ²⁵	R. HARIZANOVA , K. Krumova, P. Takov, G. Avdeev, I. Mihailova, Tina Tasheva, P. Petkov, C. Rüssel * University of Chemical Technology and Metallurgy, Sofia, <u>Bulgaria</u> <i>“Dielectric properties of zirconium oxide containing barium titanate glass-ceramics”</i>
11 ²⁵ –11 ⁵⁰	L. CURECHERIU , P. Postolache, L. Mazilu, G, Stoian, M-T. Buscaglia *Alexandru Ioan Cuza University, Iasi, <u>Romania</u> <i>„Tailoring dc-tunability properties of functionally graded ceramics by core-shell approach”</i>
11 ⁵⁰ –12 ¹⁵	V. MITSÄ , R. Holomb, M. Veres *Uzhhorod National University, Uzhhorod, <u>Ukraine</u> <i>” Nanocluster-Driven Topology as a Unifying Parameter of Physical Properties in Chalcogenide Glasses ”</i>
12 ¹⁵ –12 ⁴⁰	Information on requestings and rules related to submission and publishing of full papers in Proceedings of ISyDMA’10 (SPRINGER Nature) by Professor Ashok Vaseashta
12 ⁴⁰ –14 ²⁰	Lunch Break – Hall 215, Technical University of Moldova
14 ²⁰ – 21 ⁰⁰	Conference Trip: 1. City – Winery ”Milestii Mici” – Monastery “Capriana”. 2. City – “Historical Museum” – “Dendrarium” – “Ethnografic Museum” – “Botanic Garden” 3. City – Winery “Cricova” – Monastery “Curchi”

	4. Relaxation party with refreshing drinks.
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Saturday, July 4, 2026

9 ⁰⁰ – 9 ³⁰	Panel discussion related to next ISyDMA edition (<u>Hall 205</u>)
9 ³⁰ – 10 ³⁰	Closing Ceremony -MAGNA Hall of the <i>Cybercor</i> of Technical University of Moldova
10 ³⁰ –11 ⁰⁰	Coffee refreshment - Lobby of the <i>Cybercor</i> of Technical University of Moldova

Poster Session

P1. M. Socol, N. Preda, C. Breazu, I. Stavarache, G. Petre, <u>A. Costas</u>, A. Stanculescu *National Institute of Materials Physics, Magurele, Romania <i>"Flexible oxide/metal/oxide transparent conductive electrodes deposited on flat and patterned substrates"</i>
P2. <u>V. Morari</u>, V. Suman, V. Zalamai, E. V. Rusu * Institute of Electronic Engineering and Nanotechnologies „D. Ghitu”, Technical University of Moldova, Chisinau, <u>Republic of Moldova</u> <i>"Tunable Electrical Conductivity and Optical Parameters in Sn-Doped Ga₂O₃ Thin Films for Optoelectronic Applications"</i>
P3. <u>Hamidi Doha</u>, Babay Mohamed-Amine, Mabrouki Mustapha * Laboratory of Industrial and Surface Engineering, Faculty of Sciences and Technologies, Sultan Moulay Slimane University, Beni Mellal, <u>Morocco</u> <i>" The impact of green hydrogen on the renewable energy sector"</i>
P4. <u>D. Meisak</u>, M. Kinka, A. Linarts, A. Šutka, E. Martinaitytė, A. Šutka, J. Banys *Faculty of Physics, Vilnius University, Vilnius, <u>Lithuania</u> <i>"Electrospun polymer nanofiber-based electromechanically responsive materials"</i>
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P8. Kochubei H., Stronski A., Kavetsky T., Balayeva N., Zahn D.R.T. * V.Lashkaryov Institute of Semiconductor Physics NAS Ukraine, Kyiv, <u>Ukraine</u> <i>" Structural studies of As₂S₃:AgI glassesFe"</i>
P9. V. Suman *Institute of Electronic Engineering and Nanotechnologies „D. Ghitu”, Technical University of Moldova, Chisinau, <u>Republic of Moldova</u> <i>"Preparation, Characterization of Silver Nanoparticles and Their Potential Pharmaceutical Applications"</i>
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* Technical University of Moldova, Chisinau, Republic of Moldova

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"The structural features of dimorphite thin films grown by thermal evaporation and cathodic magnetron sputtering"

P13. S. Busuioc, A. Mamoico, E. V. Monaico

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"Electrochemical Characterization of Thermally Oxidized Copper"

P14. C. Creciunel, C. Cechin, A. Tiron, V. Ciobanu, E.V. Monaico

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" Electrospun Multifunctional Nanofibrous Materials"

P15. G.V. Colibaba, M.A. Koltsov, D. Rusnac, D. Untila, N. Spalatu

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"Structural and electrical properties of $(\text{ZnO})_k \text{Me}_2\text{O}_3$ ($\text{Me} = \text{Al}, \text{Ga}, \text{In}$) ceramics activated with halogens and zinc"

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**The Tenth International Symposium on
Dielectric Materials and Applications
(ISyDMA'10)**

1–3 July 2026, Chişinău, Moldova
Organized by the Technical University of Moldova

