

IEEE NAP-2024 e-Poster Session, Wednesday, Sept. 11, 2024

ID		Title	Authors	Track	Link
1199	eP-1	Electrical Conductivity of Hydrothermally Synthesized MoO ₂ and MoO ₂ / rGO Composites	Volodymyra Boychuk, Andrii Kachmar, Mykola Klymiuk, Ruslan Zapukhlyak, Vladyslav Goy, Volodymyr Kotsyubynsky	Electrochemistry of Nanomaterials (EN)	https://discord.gg/uDY6mnke
1104	eP-2	X-ray Irradiation Time Behavior of Exciton Luminescence for Yttria Sintered from Nanosized Powder	Eugeniy Barannik, Vitaliy Zhurenko, Sergiy Kononenko, Oganeg Kalantaryan, Volodymyr Chishkala	Interdisciplinary & Miscellaneous Topics (IMT)	https://discord.gg/4xR2Y67z
1277	eP-4	PLASMONIC ENHANCEMENT OF PHOTSENSITIZING PROPERTIES OF HYBRID THREE-COMPONENT NANOSYSTEM ANIONIC POLYACRYLAMIDE/GOLD NANOPARTICLES/TEMOPORFIN	Pavlo Khort, Oleg Yeshchenko, Vasyl Chumachenko, Oles Fedotov, Pavlo Virych, Hunter Warren, Brian Booth, Valery Bliznyuk, Nataliya Kutsevol	Interdisciplinary & Miscellaneous Topics (IMT)	https://discord.gg/gb6UnpYG
1281	eP-5	The use of nanopowders of refractory compounds in welding	Valery Kostin, Victor Golovko, Victor Zhukov, Maksim Reminnyi, Olga Kushnarova	Interdisciplinary & Miscellaneous Topics (IMT)	https://discord.gg/tj3sf9Dm
917	eP-6	Analysis of the Surface Layer Stress and Strain State after Surface Plastic Deformation of Nanostructured Electro-Spark Coatings	Viacheslav Tarelnyk, Oksana Gaponova, Nataliia Tarelnyk, Oleksandr Radionov, Ievgen Konoplianchenko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/yEvR7g8Z
923	eP-7	Low-Frequency Noises in MWCNT Films by Pulse Laser Deposition	Ihor Virt, Ivan Padalka	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/tPg3PPxp
933	eP-8	Modeling of the Stress-Strain State in Multilayer Film Systems Depending on the Thermal Load	Anna Badalian, Alexei Vitalievych Khomenko, Oleksandr Goncharov, Dmitry Belous, Olga Lytvynenko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/5CRrCzs9
990	eP-9	Optical, Electrical and Gas Sensing Properties of the MnCo ₂ O ₄ Thin Films	Ivan Orletskyi, Ivan Koziarskyi, Dmytro Koziarskyi, Eduard Mastruk	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/CYPpt5xB
1005	eP-10	MECHANISMS OF FORMATION AND MODELING OF THE STRUCTURE OF FILMS OF REFRACTORY COMPOUNDS	Oleksandr Goncharov, Ivan Kolinko, Dmytro Shyrokorad, Grygoriy Kornich, Andrii Yunda, Svitlana Goncharova	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/vNaDUWbA
1013	eP-11	Modification of gallium nitride defect structure by microwave radiation treatment for HEMTs, UV-LEDs and sensor applications	Roman Redko, Grigorii Milenin, Nadiia Safriuk-Romanenko, Svitlana Redko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/qp7Br2Hr

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1014	eP-12	Light Metal-Containing Fillers for Polymer Composites	Volodymyr Moravskiy, Anastasiia Kucherenko, Marta Kuznetsova, Ludmila Dulebova	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/rNsh6sgY
1018	eP-13	Influence of structure on the properties of coatings during multi-chamber detonation spraying of Al ₂ O ₃ powder on steel	Volodymyr Korzhyk, Olga Kushnarova, Petro Stukhliak, Olena Berdnikova, Oleg Kolisnichenko, Oleg Totosko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/b2dChbbM
1040	eP-14	AlNiCoFeCrTiB _x High-Entropy Coatings Prepared by Electron-Beam Cladding	Serhii Nakonechnyi, Alexandra Yurkova, Petro Loboda	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/DMJfUEWC
1041	eP-15	Effect of the Surface Nanocrystallization on the Gas Nitriding of Two-Phase Titanium Alloy	Serhii Lavrys, Iryna Pohrelyuk, Serhii Sheykin, Ihor Rostotskii	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/CmWvezHX
1093	eP-16	Multilayer Interference Mirrors with Nanoscale Metal Layers	Stanislav Yakovin, Stanislav Dudin, Alexander Zykov	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/bK9eww4m
1127	eP-17	Increasing the Productivity of Electron Beam Evaporation of Ag and Cu Antimicrobial Nanocoatings on Mg-Based Alloy Implants	Oleksii Gornostai, Maksym Khokhlov, Yaroslav Stelmakh, Julia Khohlova, Ihor Maksymchuk, Yuliya Kharchenko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/CYC2BXM2
1138	eP-18	Structural and Optical Properties of Composite and Multilayered Si-doped HfO ₂ films	Dmytro Khomenkov, Semyon Ponomaryov, Lyudmyla Melnichuk, Oleksandr Melnichuk, Xavier Portier, Larysa Khomenkova, Fabrice Gourbilleau	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/aJuYJKmz
1150	eP-19	UV irradiation Impact on Structuring of Films Modified with Epoxy Resin	Mykhailo Bratychak, Victoriia Zemke, Nataliia Chopyk, Volodymyr Prystai	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/mdZvgjec
1170	eP-20	The Effect of Lanthanum and Yttrium Doping on Photocatalytic Properties of ZnO Ffilms	Liliia Myroniuk, Denys Myroniuk, Eduard Maistruk, Ivan Koziarskyi, Vitalii Karpyna, Larysa Petrosian, Arsenii Ievtushenko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/DUEcVXVQ
1195	eP-21	Investigation of the Effect of the Chemical Composition of Thin Nanostructured Films of Ni-Cu Alloys on the Structure, Electrical and Magnetic Properties	Valeriy B Loboda, Vladislav Zubko, Svitlana Khursenko, Andrey Chepizhnyi, Vladimir Kravchenko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/968rGJC8
1200	eP-22	Resistive Sensitivity of Nanocrystalline Copper Oxide Films to Ammonia Vapors	Sergey Petrushenko, Sergey Dukarov, Ruslan Sukhov, Mateusz Fijalkowski, Martin Setina, Tamara Sukhova	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/7MjWcThg

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1202	eP-23	Artificial cuticle GREEN ARTICLE based on chitosan-hydroxyapatite bionanocomposite for poultry	Olga G Bordunova, Rimma V Dolbanosova, Hanna O Petrenko	Multifunctional Thin Films & Coatings (MTFC)	https://discord.gg/rhVzPJ7s
966	eP-24	Biological Properties of Nano-modified Nerve Conduits	Liudmyla Sukhodub, Mariia Kumeda, Olha Sukhonos, Leonid Sukhodub, Volodymyr Prokopiuk, Maksym Yermakov	Nanobiomedical Research & Applications (NRA)	https://discord.gg/sSeCVCZ9
975	eP-25	Macroporous Filtration PTFE Membranes Modified with Polymer-Based Nanocomposite Containing Zirconium Hydrophosphate and Silver Nanoparticles	Liudmyla Ponomarova, Kateryna Kudelko, Ludmila Rozhdesvenska, Alexey Palchik, Mariya Chaban, Lilia Vygovska, Valerii Ushkalov	Nanobiomedical Research & Applications (NRA)	https://discord.gg/gvDc2PuG
1016	eP-26	Enhancement of thiol oxidation by redox cyclers in the presence of nanoparticles in model system	Vladimir Klochkov, Yuri Nikitchenko, Nataliya Kavok, Galyna Dudetskaya, Olga Sedyh	Nanobiomedical Research & Applications (NRA)	https://discord.gg/pQUDgn33
1020	eP-27	Synthesis and Spectral Properties of New Long-Alkyl-Chain-Modified Flavonols as Fluorescent Probes for Nanostructured Materials	Arsenii Dmytrovych Snizhko, Liudmyla Chepeleva, Eugene Gladkov, Alexander Roshal, Alexander Kyrychenko	Nanobiomedical Research & Applications (NRA)	https://discord.gg/4Mr7Js5H
1025	eP-28	THE ANTITUMOR EFFICACY OF REDOX-ACTIVE INORGANIC NANOPARTICLES /MENADIONE COMPLEXES IN 2D AND 3D MODELS OF L929 FIBROSARCOMA CELLS	Nataliya Kavok, Vladimir Klochkov, Galyna Dudetskaya, Olga Sidorenko, Olga Sedyh	Nanobiomedical Research & Applications (NRA)	https://discord.gg/nUafPXVT
1088	eP-29	Delayed Reactive Oxygen Species Production By UV Pre-irradiated Orthovanadate Nanocrystals	Pavel Maksimchuk, Kateryna Hubenko, Vladyslav Seminko, Andrey Onishchenko, Galyna Dudetskaya, Nataliya Kavok, Svetlana Yefimova	Nanobiomedical Research & Applications (NRA)	https://discord.gg/wxmmpsMAQ
1189	eP-30	Testing Antitumor Combinations of Vitamin C and Vitamin K3 In L929 Fibrosarcoma Cells in the Presence of CeO ₂ Nanoparticles	Vladimir Klochkov, Nataliya Kavok, Galyna Dudetskaya, Nina Karpenko, Olga Sedyh	Nanobiomedical Research & Applications (NRA)	https://discord.gg/HM8hPjp4
1191	eP-31	ELECTROSPUN CHITOSAN/PCL-AgNPs NANOFIBROUS MEMBRANES AS EFFECTIVE SYSTEM FOR PURULENT WOUNDS TREATMENT	Yevhen Samokhin, Yuliia Varava, Valeriia Korniienko, Vyacheslav Kukurika, Artem Shmatkov, Tymofii Ptaschenchuk, Roman Moskalenko, Viktoriia Korniienko	Nanobiomedical Research & Applications (NRA)	https://discord.gg/gXhgKBbN
1223	eP-32	Synthesis of Polylactic Acid Membranes Loaded With Silver Nanoparticles by Electrospinning Technique	Anna Yanovska, Viktoriia Korniienko, Olexandra Radchenko, Yevhen Samokhin, Yevheniia Husak, Volodymyr Deineka	Nanobiomedical Research & Applications (NRA)	https://discord.gg/eGGFnXT8

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1240	eP-33	Effect of PEG 400 Nanocrystal Sizes on Thermal and Spectral Properties	Viktoria Shevchenko, Andrii Sobchuk, Olexandr Alekseev, Sergei Alekseev, Eduard Lysenkov, Roman Dinzhos, Tetyana Budnyak, Oleg Tkachenko, Maksym Lazarenko	Nanobiomedical Research & Applications (NRA)	https://discord.gg/dPtwRz2x
1251	eP-34	Exploring the Therapeutic Potential of T ₃ C ₂ MXene Using an In-Ovo Model	Vyacheslav Kukurika, Artem Shmatkov, Inna Chorna, Volodymyr Deineka, Ilya Yanko, Zhanna Klishchova, Oleksandr Solodovnyk, Serhii Dukhnovskiy, Ivan Baginskyi, Veronika Zahorodna, Oleksiy Gogotsi, Sergiy Kyrylenko	Nanobiomedical Research & Applications (NRA)	https://discord.gg/2vAccUqS
1263	eP-35	Towards electroconductive polymer scaffolds: polycaprolactone nanofiber membranes with Ti ₃ C ₂ MXene surface coating.	Artem Shmatkov, Kateryna Diedkova, Bojan Petrović, Sanja Kojić, Lazar Milić, Milan Radovanović, Ivan Baginskyi, Serhii Dukhnovskiy, Veronika Zahorodna, Iryna Roslyk, Oleksiy Gogotsi, Sergiy Kyrylenko, Goran Stojanović, Maksym Pogorielov	Nanobiomedical Research & Applications (NRA)	https://discord.gg/CYdupDYt
1297	eP-36	Copper Nanoparticles in Ch/PLA Dressing Material Promotes Wound Healing	Anna Butsyk, Yevhen Samokhin, Anastasiia Denysenko, Yuliia Varava, Valeriia Korniienko, Viktoriia Korniienko, Maksym Pogorielov, Roman Moskalenko	Nanobiomedical Research & Applications (NRA)	https://discord.gg/kTcz5Hn8
1269	eP-37	Potential Immunomodulatory Effects of Nb ₂ C and Ti ₂ C ₃ MXenes on Human Macrophages	Andrii Liutyi, Milena Yalyzhko, Tetiana Mehed, Inna Chorna, Ivan Baginskyi, Serhii Dukhnovskiy, Iryna Roslyk, Veronika Zahorodna, Oleksiy Gogotsi, Oksana Sulaieva, Maksym Pogorielov, Sergiy Kyrylenko	Nanobiomedical Research & Applications (NRA)	https://discord.gg/PnHxEuxP
960	eP-38	Terahertz-Frequency Signals Generated in a Dual-Antiferromagnetic-Layer Spin Hall Oscillator	Oleh Shtanko, Oleksandr V Prokopenko	Nanomagnetism & Magnetic Materials (NMM)	https://discord.gg/mKWPTBzM
963	eP-39	Low-Detectable-Power Cooled Terahertz-Frequency Signal Detector Based on an Antiferromagnetic Tunnel Junction	Volodymyr Prokopenko, Oleksandr V Prokopenko	Nanomagnetism & Magnetic Materials (NMM)	https://discord.gg/EKmZybCntP

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970	eP-40	Non-resonant Spin-Torque Microwave Detector Having L1 ₀ Free Layer with Perpendicular Magnetic Anisotropy	Ivan Fantych, Oleksandr V Prokopenko	Nanomagnetism & Magnetic Materials (NMM)	https://discord.gg/yeZWt8vt
1126	eP-41	Ferromagnetic-like Behavior of Ethanol Solutions of the ZnO Nanoparticles	Roman Redko, Vitaliy Shvalagin, Grigorii Milenin, Svitlana Redko	Nanomagnetism & Magnetic Materials (NMM)	https://discord.gg/fbTgwPpK
1178	eP-42	Multi-Input Programmable Artificial “Neuron” Based on Antiferromagnetic Spintronic Nanostructures	Iryna Sotnyk, Oleksandr V Prokopenko	Nanomagnetism & Magnetic Materials (NMM)	https://discord.gg/UydjdB2H
1204	eP-43	Concentration and Heat Treatment Effects on Magnetoresistive Properties and Structural-Phase State of Granular Co _x Ag _{100-x} Alloy Thin Films	Ihor Shpetnyy, Tomáš Plecenik, Leonid Satrapinsky, Viktor Hrebynakha, Anatolii Ruban, Oleksii Fomenko, Uliana Shvets, Serhij Lyfar, Yurii Shkurdoda	Nanomagnetism & Magnetic Materials (NMM)	https://discord.gg/zeCMFMk8
920	eP-44	Effect of Sm ₃₊ on the Structural Properties and Photocatalytic Performance of TiO ₂ &Au Nanocomposites	Olena Mykolaivna Lavrynenko, Maksym Zahornyi Mykitovich, Olexander Kolomys, Erwan Paineau	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/NNxzHDJf
1007	eP-46	The Influence of Magnesium Doping on the Structural Characteristics of Cu ₂ ZnSnS ₄ Nanoparticles Obtained by the Polyol Method	Maksym Yermakov, Bohdan Boiko, Vitalii Vasyliev, Roman Pshenychnyi, Oleksii Diachenko, Vitalii Grynenko	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/EDA2Bqy4
1037	eP-47	Long-term Effect of Hydrogen and its Mixtures on Polyethylene Macromolecules	Maksym Kovalchuk, Maksym Iurzhenko, Valeriy Demchenko, Marcin Godzierz	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/r6v4mXGU
1043	eP-48	Pyroresistive Properties of Segregated Composites Based on Amorphous and Semi-crystalline Polymers	Oleksii Maruzhenko, Yevgen Mamunya, Andrii Pidlisnyi, Andrii Pylypenko, Maksym Iurzhenko	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/6Ce6KjTp
1046	eP-49	Magnesium Substituted Copper Ferrite as an Effective Catalyst for the Organic Dyes Decomposition	Yuliia Mazurenko, Larysa Kaykan, Mariia Moklyak, Khrystyna Bandura, Łukasz Gondek, Antoni Żywczak	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/KccuudWv
1121	eP-50	Polylactide Composites with Calcium-containing Fillers	Andrii Masyuk, Dmytro Kechur, Bozhena Kulish, Volodymyr Levytskyi	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/HQcZU4qR
1143	eP-51	Performance Analysis of Turbulent Convection Heat Transfer of Al ₂ O ₃ -water Nanofluid in the Heat Exchanger of a Water Storage Tank	Tetiana Rymar, Volodymyr Kuchynskyi	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/ehat8tmH

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1147	eP-52	Environmental Insight into Efficient Removal of Diclofenac Sodium from Aqueous Solution by Fe ₃ O ₄ loaded Mg,Fe-LDH nanocomposites	Tetiana Hubetska, Natalia Kobylinska	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/ADZKpVfx
1221	eP-53	Dissipation of Current Carriers in Lead Telluride Films	Tetiana Mazur, Myroslav Mazur	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/ShJ8EuCS
1077	eP-54	PLA-based and Carbon Nanotubes Modified Materials for 3D Printing	Eduard Lysenkov, Iryna Lysenkova	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/Dwntjayd
1092	eP-55	Formation and Confinement of Nanoparticles in a DC Glow Discharge	Valeriy Lisovskiy, Stanislav Dudin, Sergiy Bogatyrenko, Pavlo Platonov, Sergiy Rezenenko	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/m4CPTnSr
1142	eP-56	Rational Design of AgNPs Reinforced Layered Titanium Phosphate Nanocomposites for Antibacterial Applications	Tetiana Hubetska, Olena Khainakova, Belén Cabal, Natalia Kobylinska, Adolfo Fernández	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/HTtQBt4d
1190	eP-57	Curing Kinetics of Cyanate Ester Resin in situ N-Phenylaminopropyl Polyhedral Oligomeric Silsesquioxane Nanoparticles	Olga Grigoryeva, Diana Shulzhenko, Olga Starostenko, Kristina Gusakova, Alexander Fainleib	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/26hNB4vQ
1233	eP-58	Ageing Processes in Functional Ceramics and Thick-Film Elements	Halyna Klym, Yuriy Kostiv	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/Zh2Dna3q
1238	eP-59	Effect of Photocatalytic Nanoparticles on Structure, Thermomechanical, and Hydrophilic Properties of UV-irradiated PVA–PEG Hydrogels	Illia Sytnyk, Valeriy Demchenko, Oleksii Maruzhenko, Maksym Iurzhenko	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/9ZJxPZQA
989	eP-60	Shift of Plasmon Resonance Peak: Effect of Magnetic Field Action	Roman Redko, Sergii Mamykin, Olga Kondratenko, Yelizaveta Savchuk	Nanophotonics (NP)	https://discord.gg/rcy7RrZU
1229	eP-62	Thermostimulated Structural Evolution of Ge-Doped HfO ₂ Nanolayers: Insights from Advanced Characterization Techniques	Dmytro Khomenkov, Semyon Ponomaryov, Oleksandr Melnichuk, Lyudmyla Melnichuk, Larysa Khomenkova, Xavier Portier, Johannes Heitmann, Fabrice Gourbilleau	Nanoscale Characterization & Imaging (NCI)	https://discord.gg/dQ3SU3Pv
1235	eP-63	Positron Annihilation Lifetime Tools for Nanostructural Study of Spinel Ceramics	Yuriy Kostiv, Halyna Klym, Ivan Hadzaman	Nanoscale Characterization & Imaging (NCI)	https://discord.gg/cTvqUKms
1217	eP-64	Fabrication, Mechanical, Optical, and Dielectrical Properties of Paper Filled with SrAl ₂ O ₄ : Eu,Dy Oxide and Carbon Nanotubes	Serhii Nedilko, Vitalii Chornii, Valerii Barbash, Alla Kuryliuk, Maksym Lazarenko, Vasyl Scherbatskyi, Olga Yashchenko, Syed Haider, Andrzej Suchocki	Nanosensors, Nanodevices & Applications (NNA)	https://discord.gg/SJCPvk2E

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926	eP-65	A Probabilistic Model Of Dopant-Induced Spontaneous Phase Separation In Artificial Lipid Membranes: The Case Of Two Binding Modes	Roman Ye Brodskii, Olga V Vashchenko	Theory & Modeling (TM)	https://discord.gg/EEXGWeaf
959	eP-66	Formation of Heterogeneous Structures in Softened Ice Surface Under Friction	Alexei Vitalievych Khomenko, Denys Lohvynenko, Kateryna Khomenko, Antonina Biesiedina, Yaroslava Khyzhnya, Vladyslav Maliutin	Theory & Modeling (TM)	https://discord.gg/CUsAJf7r
1078	eP-67	Effects of Many-Particle Clusters Scattering on Electronic Spectra of Strongly Correlated Alloys in Wannier and Bloch Representations	Tatiana Shatnii, Evgen Len, Yevheniy Tsapko, Iryna Galstian, Tatiana Len	Theory & Modeling (TM)	https://discord.gg/3xU9rfCF
1091	eP-68	Effects of Elastic Interactions Between Adsorbate and Substrate in Nano-Structuring of Thin Films During Deposition	Alina Dvornichenko, Vasyl Kharchenko, Yuliia Rozghon	Theory & Modeling (TM)	https://discord.gg/rMEXcEuc
1101	eP-69	Molecular Dynamics of High-Density Polyethylene Composites: Effects of Welding Temperature	Donghu ZENG, Maksym Iurzhenko, Valeriy Demchenko	Theory & Modeling (TM)	https://discord.gg/8baDJ8WX
1115	eP-70	Plastic Deformation Modeling and Mechanical Properties of Fe-Cr-Al Alloys	Olha Shchokotova, Vasyl Kharchenko, Dmitrii Kharchenko, Borys Lysenko	Theory & Modeling (TM)	https://discord.gg/aRUuRFaJ
1237	eP-71	Computer Modeling of Percolating Arrays of Bent Nanotubes	Illia Zhydenko, Halyna Klym, Dmytro Chalyy, Ivan Karbovnyk	Theory & Modeling (TM)	https://discord.gg/GgURYqDP
1260	eP-72	COMPARATIVE ANALYSIS OF THYROID DISEASE PREDICTION MODELS USING MACHINE LEARNING AND DATA MINING TECHNIQUES AND ENSEMBLE CLASSIFIERS	Ramani Dulipala	Theory & Modeling (TM)	https://discord.gg/4QQHppnC
1062	eP-73	Peculiarities of Nanoscale α' -phase Precipitation in Fe-Cr-Al Alloys During Thermal Treatment	Vasyl Kharchenko, Dmitrii Kharchenko, Borys Lysenko, Alina Dvornichenko	Theory & Modeling (TM)	https://discord.gg/WcZRrKNM
1064	eP-74	Universality of Fission-Gas-Bubble Growth in Amorphous Uranium Silicide	Dmitrii Kharchenko, Youheng Pei, Tianyuan Xin, Ma Cong, Vasyl Kharchenko	Theory & Modeling (TM)	https://discord.gg/gMUSfDzB
1234	eP-75	Femtosecond Laser Structuring and Associated Optical Phenomena: the Case of Silicon	Nataliya Berezovska, Igor Dmitruk, Yevhen Hrabovskyi, Anna Karlash, Andriy Dmytruk, Viktor Kadan, Ivan Blonskyi, Mykhailo Bondar	Ultrashort Laser-matter Interactions & Materials Processing (ULI)	https://discord.gg/zaS46fJK

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1364	eP-76	Nanostructuring and Hardening of Subsurface Layers in Structural Steels by Laser Heat Treatment Followed by High-Frequency Mechanical Impact Treatment: Effects of Carbon Content and Alloying Scheme	Dmytro Lesyk, Bohdan Mordyuk, Walid Alnusirat, Silvia Martinez, Vitaliy Dzhemelinskyi, Pavlo Kondrashev, Oleksii Goncharuk, Yurii Kliuchnykov, Andriy Kotko, Aitzol Lamikiz	Ultrashort Laser-matter Interactions & Materials Processing (ULI)	https://discord.gg/cmubCgCb
1079	eP-77	Structure and Electrical Properties of Polyaniline/MAX Composites	Yuliia Horbenko, Olena Aksimentyeva, Yaroslav Kovalskyi, Vasyl Kordan, Artem Zhytskyi	Nanomaterials for Energy & Environment (NEE)	https://discord.gg/NNHqBCZ3
1206	eP-78	FACILE SYNTHESIS OF BAND GAP-TUNABLE KAPPA-CARRAGEENAN-MEDIATED C,S-DOPED TIO2 NANOPARTICLES FOR ENHANCED DYE DEGRADATION	Daisy Jane Erjeno, Arnold Lubguban, Roberto Malaluan, Arnold Cafe Alguno	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/8pVVEEY7Q6
1207	eP-79	Enhanced Detection of Histamine in Food Products Using Colorimetric PEGylated Gold Nanoparticles	Jahor Omping, Roberto Malaluan, Arnold Lubguban, Arnold Cafe Alguno	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/aFfrpZcE8M
1208	eP-80	PHOTOCATALYTIC ACTIVITY OF CARRAGEENAN-MEDIATED ZINC OXIDE NANOPARTICLES FOR WATER TREATMENT APPLICATIONS	Dan Michael Asequia, Arnold Lubguban, Roberto Malaluan, Arnold Cafe Alguno	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/XG8cQHBSHx
1001	eP-81	Investigating Features of Hydrated C60 Fullerenes Obtained by Vacuum-Sublimation Cryogenic Deposition Method: Characterization via Raman, UV-Vis, Mass Spectrometry, and IR Analysis.	Razet Basnukaeva, Alexandr Dolbin, Mykola Vinnikov, Lubov Buravtseva	Nanomaterials Synthesis & Self-assembly (NSS)	https://discord.gg/BmfNudHdxy
1158	eP-82	Transport Phenomena During Nanofluids Flow in Channels in the Laminar-turbulent Transition Region	Transport Properties in Nanoscale Systems (TPNS)	Nikita Khliiev, Vladimir Gotsulskiy, Olga Khliyeva.	https://discord.gg/wpMk6H3FH2