

**Ανακοίνωση αποτελεσμάτων Α' φάσης αξιολόγησης του προγράμματος
«Ενίσχυση Μεταδιδασκτόρων Ερευνητών/ τριών»**

ΚΩΔΙΚΟΣ ΠΡΟΤΑΣΗΣ	ΑΚΡΩΝΥΜΙΟ	ΥΠΟΨΗΦΙΟΣ ΜΕΤΑΔΙΔΑΚΤΟΡΑΣ	ΤΙΤΛΟΣ	ΥΠΟΠΕΡΙΟΧΗ
315	HYKIMA	Charis Tsikkou	Hyperbolic Conservation Laws and Kinetic Modeling of Materials	PE1
417	MSSLGHM	Andreas Savvas-Chalilai	Minimal Submanifolds-Special Lagrangian Geometry-Harmonic Maps	PE1
700	BIONUM	Irene Kyza	Advanced Numerical Techniques for Reaction-Diffusion-Convection Models in Biology	PE1
749	HAABGAWCRG	Maria Chlouveraki	Hecke algebras and braid groups associated with complex reflection groups	PE1
760	latticeSYM	Issaku Kanamori	Lattice study of the phase structure of two-dimensional super Yang-Mills theory	PE1
1026	SIDNP	Christos Sourdis	Singularities in a class of infinite dimensional nonlinear problems	PE1
1252	DYMUPMA	Dimitra Antonopoulou	Dynamics of interfaces for multi-phase materials	PE1
1274	AdS/CFTapps	Dimitrios Zoakos	Applications of the AdS/CFT correspondence	PE1
1405	siwaves	Dimitrios Mitsotakis	Numerical methods for nonlinear dispersive surface and internal water wave propagation	PE1
1607	MEPHOS	Panagiotis Mitropoulos	A Multi-Methodology for the Effective Planning of Hospitals Services	PE1
1866	INCEPT	Othon Michail	The Complexity of Integer Factorization and Finding Winning Strategies in Two Player Infinite Games	PE1
1947	PADRITS	Kiriaki Platanioti	Parameter driven models for discrete valued time series.	PE1
2029	LAA	Polyxeni Lamprou	Lie Algebras and applications	PE1
2440	AGADV	Nikolaos Dafnis	Asymptotic Geometric Analysis: Distribution of Volume on High-Dimensional Convex Bodies	PE1
2447	ARTERIES	Fotini Karakatsani	Computational processing of geometric and hemodynamic carotid-related data and relation to stroke risk assessment	PE1
2520	WiNC	Georgios Paschos	Wireless Network Coding for practical systems	PE1
2577	LOGSOB	Vasileios Kontis	Isoperimetric and logarithmic Sobolev constants for log concave probability measures	PE1
2707	NLASTAT	Dimitrios Triantafyllou	Numerical Linear Algebra methods in Statistical model selection	PE1
2879	OBBC.TOMOGRAPHY	Konstantinos Chatzisavvas	Optimised Bang-Bang Control for Quantum Implementation and Tomography. Applications of Information and Statistical Complexity Theory.	PE1
2969	POTIOHAOTAFa	Ioannis Parissis	Problems on the interface of harmonic analysis, operator theory and functional analysis	PE1
3013	Definable groups	Panteleimon Eleftheriou	Groups definable in expansions of o-minimal structures	PE1
3016	MOTH	Alla Sirokofskich	Model theory and applications to Algebra and Number Theory	PE1
3095	AsSymQua	Evangelos Melas	Asymptotic Symmetries in Quantum Gravity, ALE spaces, and the AdS/CFT Correspondence	PE1
3201	CIRGG	Tobias Müller	Challenges in random geometric graphs	PE1
3378	HyMSAF	José Ignacio Monreal Galán	Hyperbolic metric and spaces of analytic functions	PE1
3751	CAN-MTHDS-FA	Debashish Bose	Combinatorial and Number theoretic methods In Fourier Analysis	PE1
4126	universality-hypercyclicity	Nikolaos Tsirivas	Common hypercyclic vectors and universal functions	PE1

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132	MeBeEIAcPo	Thanasis Zisis	Mechanical Behavior of Electro Active Polymers	PE5
200	LAYERS	Anastasia Meristoudi	Functional Multilayers and Surfaces Via the Layer-by-Layer Deposition Technique	PE5
567	SYNMODHEPRO	Maria-Ioanna Almperti	Synthetic Models for Heme Proteins: Exploring the Role of the Distal Hydrogen-Bond and the Proximal Ligand in Dioxygen Binding	PE5
627	PHOTOSPRAY	Spyridon Linardos	Photoactive Nanoparticles by Spray Pyrolysis Techniques	PE5
791	NanoCoaTiN	Fani Pinakidou	Growth, Processing and Nanostructural characterization of nanocomposite TiN/noble metal thin films	PE5
848	polyGRAPHENE	Grigoris Mountrichas	Polymer Functionalized Graphene	PE5
944	SPRAYTECH	Spyros Kamnis	Development of Advanced Multiphase Computational Models for Thermal Spray Process	PE5
947	HIPERMAG	Marianna-Stamatina Vasilakaki	High-Performance magnetic materials produced by complex nanoparticles	PE5
1014	MONTECARB	Ioanna Kyriakou	Monte Carlo simulation of electron transport in bulk carbon nanotube systems	PE5
1088	LANTHAMAGNET	Athanassios Boudalis	Lanthanide(III) High-TB Single-Molecule Magnets	PE5
1182	MULTIFACE	Theodosios Theodosiou	Multiscale Models for the Analysis of Multifunctional Nanocomposites Based on MD Simulations of the CNT-Polymer Interface	PE5
1316	MRGUED	Ioannis Polyzos	Mechanical response of graphene under extreme deformations	PE5
1317	AZASPIRACID	Maria Tofi	Synthetic studies towards the natural toxin azaspiracid	PE5
1326	Solarsmon	Nikolaos Kalfagiannis	Nanostructures for Plasmon-Enhanced Solar Harvesting	PE5
1448	NESABEPOLMO	Georgios Stamoulis	Numerical and Experimental Study of the Anisotropic Behavior of Polymer Monofilaments	PE5
1457	SEDERCOFS	Gerasimos Cotsovos	Seismic design of reinforced concrete flat slabs	PE5
1463	NTC/PHB BEEA	Panagiotis Kandyliis	Nano-biotechnology: Nano-Tubular Cellulose (NTC) and Poly3-HydroxyButyrate (PHB) Biocomposite for Energy and Environmental Applications	PE5
1670	POLYSMART Drugs	Eleni Efthimiadou	Polymeric Stimuli Micelles with Medicinal Applications in Cancer Therapy and Diagnosis	PE5
1692	TF-Pol-CNT	Jaime Javier Rueda	Thin Films based on polymer/Carbon Nanotubes Nanocomposites for Technology Applications	PE5
1849	INDARK	Grigorios Panotopoulos	Inflation and Dark Matter in supersymmetric extensions of the Standard Model	PE5
1875	LMIORSCN	Eleftheria Kavousanaki	Light-matter interaction and optical response of strongly coupled nanomaterials	PE5
1949	PLASMOXIDE	Dimitrios Chaliampalias	New Generation of metal-dielectric PLASMOmic nanocomposite films of an OXIDE matrix	PE5
2078	PC-NANOCOMP	Panagiotis Xidas	"Polymer nanocomposites using reactive 1D, 2D and 3D carbon nanostructures"	PE5
2084	SILCONWOOD	Maria Petrou	Conservation of archaeological wood with silanol-terminated polydimethylsiloxane: innovation, adoption and implementation	PE5
2102	SATiBN	Konstantinos Christoforidis	Development and physicochemical characterization of Sunlight Activated TiO ₂ -Based Nanomaterials [SATiBN] for environmental applications	PE5
2112	CATALDAFCS	George Andreadis	Design and Development of novel Low Pt based Catalysts and non Pt Catalysts for Direct Alcohol Fuel Cells	PE5
2126	GRAPHCELL	Solon Economopoulos	Novel Graphene-based hybrid materials for photoelectrochemical cells	PE5

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2128	SOFI	Georgios Rotas	Supramolecular self-assembly of oligothiophenes / oligophenylene- ethynyls and vinylenes/ fullerenes: wire-like donor-acceptor nanohybrid materials for managing charge-transfer interactions	PE5
2134	ECoNACOS	Eleftheria Antoniou	The Effect of the Colloidal Nature of Asphaltenes on Crude Oil Stability towards Precipitation	PE5
2211	MANGCYAN	Christos Lampropoulos	New approaches to nanoscale molecular magnetic materials from the use of cyanate ligands in higher oxidation state manganese cluster chemistry	PE5
2230	HIPERGRA	Eleni Vermisoglou	Graphenes towards high performance nanocomposite materials	PE5
2399	Shape-PerMag	Irene Zafiropoulou	Novel Shape Anisotropy Based Non-rare-earth Containing Permanent Magnets	PE5
2431	PEPCAT	Christoforos Kokotos	Novel Organocatalysts Based on Peptides and Amino Acids and their Application in Asymmetric Organic Transformations	PE5
2551	NARGEL	Christos Pandis	Nanoreinforced hydrogels for tissue engineering applications	PE5
2700	FUELTUBES	Georgios Karanikolos	Carbon Nanotube Catalytic Membranes for Sustainable Energy Production	PE5
2777	PHOTOPEPT	Aggeliki Triftaridou	Multi-Responsive Polymer - Polypeptide Hybrids: "Smart" Reversible Assemblies for Advanced Applications	PE5
2836	ADDYECCELL	Georgios Vougioukalakis	ADvanced light-absorbing molecular antennae for DYE-sensitized solar CELLS	PE5
3062	StemCellNanoDelivery	Olga Tsigkou	Stem cell-mediated delivery of nanoparticles to tumours: Exploiting the stem cell migratory ability for cancer therapy	PE5
3084	WHOLIANACOS	Demetrios Cotsovos	Thermal Creep Finite Element Modelling for the whole Life Analysis of Concrete Structures	PE5
3117	SELFMOVE	Xiaoxiao Yu	Self-propelled Motion of Nano/micro Devices	PE5
3182	CNP-SNS	Ioannis Bounos	Unraveling the origin of photoluminescence from carbogenic nanoparticles: A single nanoparticle spectroscopic study	PE5
3442	COREDESAN	Dionysios Vynias	Development of a controlled release delivery system of antibiotics based on electrospun PLA nanofibers	PE5
3482	BioNP	Maria Mihesan	Bioconjugated Nanoparticles Formation by Laser Ablation in Liquid and Gas-Phase Studies of Hydration Processes	PE5
3553	VISIONING	Nadia Todorova	Visible Light Active TiO2 Nanoarchitectures for CO2 Recycling	PE5
3608	NanoHPA	Emmanouil Manos	Nanoporous Heteropoly Acid-Organic Polymers: Rational Design and Applications in Oxidation Catalysis	PE5
3667	MAN (Mixtures' Adsorption in Nanochannels)	Leonidas Kallinikos	Molecular Simulation and Statistical Mechanical Modelling of mixture absorption in nanochannels. Application in Natural Gas	PE5
3725	SMOMONWMBOCA	Zois Syrgiannis	Surface modification of metal oxide nanostructure with molecules based on carbon allotropes	PE5
3929	Hybrid NC	Li Ngee Ho	Bio-inspired Magnetic Fluorescent Hybrid Nanocrystals	PE5
3992	BioPolyBone	Alexandros Vassiliou	Biodegradable and bioactive porous polymer-inorganic nanocomposite scaffolds for bone tissue engineering	PE5