



ΕΘΝΙΚΟ ΜΕΤΣΟΒΙΟ ΠΟΛΥΤΕΧΝΕΙΟ
ΣΥΓΚΛΗΤΙΚΗ ΕΠΙΤΡΟΠΗ ΒΑΣΙΚΗΣ ΕΡΕΥΝΑΣ (Σ.Ε.Β.Ε.)

Acronym	Principal Investigator	School	Title	Poster/ short presentation
QUS4DPLUS	ANAGNOSTOPOULOS	Applied Mathematical and Physical Sciences	Quantum Unification Studies in Four or More Dimensions	poster
GREEN4CC	DETSI	Chemical Engineering	Green approaches towards carbon-carbon bond formation reactions using solvents from the natural pool	poster & short presentation
INTRA-PHOTON	FIKIORIS	Electrical and Computer Engineering	Rigorous Integral Representation Methods for Efficient Modeling of Photonic Applications	short presentation
LEADDA _{lgo}	FOTAKIS	Electrical and Computer Engineering	Algorithm Design through Learning Theory: Learning-Augmented and Data-Driven Online Algorithms	poster & short presentation
SHRPEP	FOUSKAKIS	Applied Mathematical and Physical Sciences	Shrinkage power-expected-posterior priors	short presentation
EXGEL_SB	GEORGIANNOU	Civil Engineering	Experimental investigation of colloidal silica gel cemented sand behavior	poster & short presentation

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OffSUGRA	KEHAGIAS	Applied Mathematical and Physical Sciences	Off-Shell Supergravity	poster
HydroFSP	MANOLAKOS	Mechanical Engineering	Investigation of Hydrogen Embrittlement in Friction Stir Processed Aluminium Alloys	poster
ParaDeStruct	PAGOURTZIS	Electrical and Computer Engineering	Complexity and approximability of counting problems through structural, descriptive, and parameterized methods	short presentation
HyMat	PAVLATOU	Chemical Engineering	Hybrid materials for biomedical use	poster
VEGGIE	STAMOU	Civil Engineering	Effects of vegetation on river hydraulics and habitat suitability	poster
LILAGR	SYMVONIS	Applied Mathematical and Physical Sciences	Linear Layouts of Graphs	poster
BriOche	TOPAKAS	Chemical Engineering	Discovery and production of novel enzymes for the bioconversion of furans into activated monomers	poster
Metapoli	TOURNIKIOTIS	Architecture	The city, politics and architecture (1974-2004)	poster & short presentation

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UQML ²	TRANTAFYLLOU	Civil Engineering	Uncertainty Quantification of fracture across multiple scales β€“ a Machine Learning paradigm	poster
PROTBIOTOX	TSOPELAS	Chemical Engineering	Investigation of drug- protein interactions and their correlation with aquatic toxicity and bioconcentration in aquatic organisms	poster
Storms2Coast	TSOUKALA	Civil Engineering	Probabilistic representation of coastal storms	short presentation
REACT	VLAHOIANNI	Civil Engineering	Transport network resilience in the era of smart cities	poster
SucciVitr	VOUYIOUKA	Chemical Engineering	Comprehending and Controlling the Dynamics of the Adaptable Network in Biobased Vitrimers	short presentation
LeachEV	XENIDIS	Mining and Metallurgical Engineering	Investigation of leaching mechanisms for the extraction of metals from electric vehicle batteries and other rechargeable batteries using inorganic agents	short presentation
IONICAP	MIKRAKIS	Architecture	The Early History of the Ionic Capital and the Origins of the Ionic Order in Greek Temple Architecture	Δεν ολοκληρώθηκε το έργο