

	Project registration No.	Project title
Accepted	DGS/INDIVIDUAL/2020-001	Development of antimicrobial biobased polymeric material using supercritical fluid technology
	DGS/INDIVIDUAL/2020-007	The research on hydration kinetics, mechanical properties and volume stability of weak alkali-activated nickel slag
	DGS/TEAM/2020-003	Research and development of innovative equipment for DEM simulations calibration and validation of particulate matter in the field of mechanical comminution processes and abrasion.
	DGS/TEAM/2020-004	Study of photochemical, photocatalytic and membrane processes with application in environmental technologies.
	DGS/TEAM/2020-005	Low-potencial waste heat recovery
	DGS/TEAM/2020-007	Study of the Additives Impact on Emissions from the Combustion of Alternative Fuels
	DGS/TEAM/2020-008	Development of a tool for scientific data processing and visualization in VR with multi-user support
	DGS/TEAM/2020-010	Analysis of the behavior of membrane fabrics under biaxial loading
	DGS/TEAM/2020-012	Optimization of decomposition processes of major components of waste biomass ensuring requirements of phytotoxicity
	DGS/TEAM/2020-015	Partial Discharge Detection in Insulation Systems
	DGS/TEAM/2020-017	Smart Control System for Energy Flow Optimization and Management in a Microgrid with V2H/V2G Technology
	DGS/TEAM/2020-020	Modeling of Collision Processes in Low-Temperature Plasma
	DGS/TEAM/2020-026	Study of phase transformations in cast strips GOES
	DGS/TEAM/2020-027	Novel sources of THz radiation based on spintronic effects
	DGS/TEAM/2020-028	Risk management of alternative sources energy of the near future
	DGS/TEAM/2020-029	Submicron particles in human tissues and microplastics in drinking water
	DGS/TEAM/2020-030	Photonic structures and nanoscale metasurfaces for polarization light control from terahertz to visible spectral ranges
	DGS/TEAM/2020-033	Development of Computational Algorithms for Solution of Nonlinear Structural Dynamical Problems with Utilization of ESPRESO Numerical Library
	DGS/TEAM/2020-035	Determination of oxidation catalysts characteristics during the flue gas purification
	DGS/TEAM/2020-036	Gasification residue char utilisation as mercury capture sorbent in fluid boiler flue gas flow
DGS/TEAM/2020-037	Possibilities of influencing the collapsibility of core mixtures for use in technologies for the production of castings from aluminum alloys and magnesium alloys	
Accepted with correction	DGS/INDIVIDUAL/2020-003	Synthesis of boron carbon nitride, its characterization and application for photocatalytic decomposition of pharmaceuticals in aqueous solutions
	DGS/INDIVIDUAL/2020-004	Modelling of heat treatment procedures and the influence of heat treatment on the microstructure and mechanical properties of an iron-based abrasion-resistant alloy
	DGS/INDIVIDUAL/2020-005	Evaluation of hardness, residual stress and tensile properties on metallic parts of industrial facilities using Advanced Indentation System (AIS)
	DGS/INDIVIDUAL/2020-009	Evaluation of Equinus
	DGS/TEAM/2020-001	Organic and inorganic pathogenic nanoparticles and the formation of appropriate protective barriers based on electroactive nanomaterials
	DGS/TEAM/2020-014	Material and energy recovery of waste
	DGS/TEAM/2020-032	Arterial volumetric compressibility
Rejected	DGS/TEAM/2020-022	Acoustic Visualization System for Technical Diagnostics based on the Microphone Arrays
	DGS/TEAM/2020-023	3D magnetic field optical sensor based on TGG crystal