



ITALIAN TRADE AGENCY
ICE - Agencia Italiana para el Comercio Exterior
Oficina de la Embajada de Italia
para la promoción del intercambio comercial



Transformando la innovación en productividad

RESULTADO GANADORES EDICIÓN 2022-2023 ITALIAN TECHNOLOGY AWARDS

Italian Ceramic Technology Awards - (ICTA)

	Título	Puntaje	Nota
1	Use of Titanium Nitride on ceramic 3D printing	64	GANADOR
2	Recycling of gold-mine tailings of Cosalá, Sinaloa: Valorization of its use in the ceramic industry	62.75	GANADOR
3	Chip morphology for rheological characterisation of ceramics and porcelains.	60.75	
	Mechanical stability of boron-based coatings grown on Incoloy 909 superalloy by thermochemical diffusion		Descalificado por tema no relacionado con convocatoria y ser trabajo colectivo

Italian Packaging Technology Awards - (IPaTA)

	Título	Puntaje	Nota
1	Mechanical Testing in packaging systems for industrial and commercial fridges	62.33	GANADOR
2	Industry 4.0 in packaging and packing	60	GANADOR
3	DEVELOPMENT OF NEW PACKAGING SYSTEMS FOR INDUSTRIAL AND COMERCIAL FRIDGES	59.33	
4	Bi-Pack Tetra-Pack, biodegradable and with only two organic components.	58.67	
5	Use of birefringence as qualitative strain measurement method in Polypropylene strips	58.33	



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Italian Plastic Technology Awards - (IPTA)

	Título	Puntaje	Nota
1	Tribological And Mechanical Behaviour Of Uhmwpe Reinforced With White And Black Tio2 Nanoparticles	61.67	GANADOR
2	Obtaining Hydrocarbons From Low Density Polyethylene Bags With The Development Of A Laboratory-Scale Catalyst And Creation Of A System To Extract Oil	60	GANADOR
3	Plastic Nopal Project	57.67	
4	Polypropylene With Flax Fiber	56.67	
5	Elaboration of a material for the manufacture of tires made from a system of layers using recycled rubber	56	
6	Optimization of the cooling system in the injection of plastics incorporating plate heat exchangers	55.67	
7	Dual-Layer Fusion-Bonded Epoxy Coating For Api 5l Psl2 Steel Pipelines.	48.67	
8	Proposal for the development of a sensor capable of identifying and correcting parameters in the injection machine to avoid dimensional errors of a polypropylene screw cap	44.67	
9	Composite to reduce problems and improve properties in automotive injection molded parts made of quartz (SiO2)	41.67	

Italian Leathergoods and Tanning Technology Awards - (ILTTA)

	Título	Puntaje	Nota
1	Digital twins aided stitching leather goods process improving	70	GANADOR
2	Application of the Circular Economy model to reduce costs and raw materials to generate a positive impact on the environment	69.67	GANADOR
3	Systematization and modernization for the management of inventory control within the footwear industries.	65.33	

Italian Foundry Technology Awards - (IFTA)			
	Título	Puntaje	Nota
1	Effect of Nb additions on the primary aluminum crystal lattice and microstructure of 380 alloy	79	GANADOR
2	Factibility study for the use of electric arc furnace slag as a green molding Material for aluminum parts	75.33	GANADOR
3	Development of copper-beryllium plunges	71.33	
4	Mathematical model for the adiabatic heat estimation in the extrusion process of aluminum alloys	70	
5	Device for application of release agent in aluminum die casting	67.7	
6	Digitalization methodology in the foundry of recycled aluminum	67	
7	Design and construction of an inert atmosphere eletric arc Furnace at laboratory scale	66.67	
8	Effect of chromium on the properties of aluminium alloys for automotive applications.	63	
9	Modification of Al-Si alloys cast in semi-permanent mold	45.33	
	Design and construction of a mini turbine in 3d printing in metal, to study the behavior of the combustion chamber by means of CDF analysis.		Descalificado por tratarse de un trabajo colectivo

06 diciembre 2022