

List of poster presentations

A Student Award, offered by INSTM, will be given to the best poster presentation during the closing ceremony

Ref. #	Title	Reference Author
S01-6	Fiber Microstructure Prediction from Screw to Cavity during Injection Molding	Huang, Chao-Tsai
S01-12	Composite processing based on recycled expanded polystyrene reinforced with sugarcane cellulose fibers	Jesus, Luiz Carlos
S01-13	Testing of thermomechanical stability of sensitive polymers through oscillation rheometry	Plavec, Roderik
S01-15	Optimization of Protein Crosslinking for Therapeutic Use of Bicomponent Electrospun Scaffolds	Guarino, Vincenzo
S01-18	Controlled release of ethylene via polymeric films for food packaging	Pisano, Roberto
S01-20	Crystallization kinetics of polyethylene on fast cooling up to 10 MK/s	Zhuravlev, Evgeny
S01-21	Rheology Prediction in Selecting PP Grade for Highly Stretched Cast Film Process	Morshedian, Jalil
S01-31	Study on the Mechanical and Thermal Properties of ABS/PPy Nanocomposites	Mohagheghi, A.
S01-32	Relationship between Rheology, Morphology and Electrical Conductivity of ABS/PPy Nanocomposites	Mohagheghi, A.
S01-33	Effect of natural phenolics on the thermal and processing behaviour of poly(3-hydroxybutyrate)	Cerruti, P.
S01-35	Borate-Crosslinked Chitosan/Graphene Oxide Films: Toward Enhancing Simultaneously Gases Barrier and Mechanical Properties	Lavorgna, Marino
S01-37	Processing- property relationships of polypropylene/ciprofloxacin fibers	Botta, Luigi
S01-38	Carbosilane dendrimers complexed with peptides interact with model lipid membranes	Ionov, Maksim
S01-42	In-situ SAXS on film blowing: from structure development to properties	Troisi, Enrico M.
S01-44	Research and development of eco-sustainable solutions for the production of innovative rigid suitcases	Acierno, D.
S01-45	Crystallization of isotactic polypropylene with different shear regimes	Spina, Roberto
S01-46	Process depending morphology and resulting physical properties of TPU	Frick, Achim
S01-48	Carbosilane dendrimers affect the fibrillation of α -synuclein	Milowska, K.
S01-49	Micro vs. macrofluidics. Encapsulation of acetic acid in porous polymer beads on a large scale.	Ferrer, Juan
S01-54	Influence of PAMAM dendrimers on the human insulin	Ionov, Maksim
S01-56	Halloysite as nanocontainers of antimicrobial molecules for development of active packaging materials	Gorrasi, Giuliana
S01-58	Effect of polarity and elongational flow on the morphology and properties of a new nanobiocomposite	La Mantia, F. P.
S01-60	Nanoparticle-induced co-continuity in immiscible polymer blends	Filippone, G.
S01-64	Solubility and durability of cardanol derived plasticizers for soft PVC	Maffezzoli, A.
S01-65	Thermal and morphological approach of impact improvement of high fluidity PP blends through reactive extrusion	Josse, Camille
S01-67	Structure and physical properties of G-Polymer/clay nanocomposites	Buonocore, G.
S01-70	Effect of Silane Aliphatic Tail on Surface Energy of Filler Particles in SBR/silane-modified silica vulcanizates	Mahtabani, A.

Ref. #	Title	Reference Author
S01-71	Dual Role of Graphite Oxide Nanofiller in Polyester Resins	Acocella, Maria R.
S01-78	Multiscale Modeling of Polymers: Atoms, Beads and Fields	Milano, Giuseppe
S01-84	Biological evaluation of PLLA membranes, with different pore diameters, to stimulate cell adhesion and growth in vitro	La Carrubba, V.
S01-85	Characterization of low molecular weight polyester /glycerol coplasticized thermoplastic gelatin prepared by melt blending	Sorrentino, A.
S01-86	Flexible polymeric substrate for laser scribed graphene nanodevice: wettability, optical, and electronic properties	Sorrentino, A.
S01-87	3D Multifunctional Nanocomposite Magnetic Scaffolds for Hard Tissue Regeneration	De Santis, Roberto
S01-88	Design and analysis of nucleus/annulus tissue-engineered scaffolds for intervertebral disc regeneration	Gloria, Antonio
S01-89	Thermo-oxidative resistant UHMWPE-based nanocomposites containing hybrid-nanoparticles based on natural anti-oxidants and carbon nanotubes	Dintcheva, N. T.
S01-90	Better Adhesion for Better life: Evaluation of type of tackifier and surface treatment In engineering adhesives	Khamani, Shadi
S01-91	One-step reactive processing of low density polyethylene and octavinyl polyhedral oligomeric silsesquioxane	Dintcheva, N. T.
S01-92	Synthesis and application of crotonic acid containing copolymers for seed coating	Hamdi Holasoo, F.
S01-93	Application of agro-waste for Bio-composite materials	Askanian, H.
S01-95	Preparation and Characterization of Electrospun Nanofiber with Core-Shell Structure based on Thermoplastic Urethane elastomer and Gelatin	Jafaie Menarbazari, M.
S01-96	Nucleation of high pressure gamma form in isotactic polypropylene: key signature in nonisothermal crystallization	Boyer, S. A. E.
S01-97	Preparation and characterization of modified-TiO ₂ /PLA nanocomposites with enhanced photo-biodegradability	Rabiei Tabriz, K.
S01-98	Polystyrene/MoS ₂ @Oleylamine polymer composites for potential application as low-dielectric material in microelectronics	Sorrentino, A.
S01-99	Effect of Compatibilization on the Properties of Microfibrillar Composites based on Polylactic acid and Polypropylene	Oliviero, Maria
S01-101	Nanostructure and thermal properties of melt compounded PE/clay nanocomposites filled with an organosilylated montmorillonite.	Scarfato, P.
S01-102	Composition-Structure-Property Relationships of Commercial Polyurethane Foams for Mattresses	Scarfato, P.
S01-103	Co-crystallization: an easy way to get Uniplanar Orientation of Polymer Crystalline Phases	Rizzo, Paola
S01-104	Optimizing Polymer Processing with Rheo-Optical Data and DMTA measurements	Soergel, Fritz
S01-105	Exploiting processing protocol to tailor assembly of reduced graphene platelets and control functional properties in rubbery nanocomposites	Mensitieri, G.
S01-106	Interfacial enhancement of polypropylene composites modified with sorbitol derivatives and siloxane-silsesquioxane resin	Dobrzynska-Mizera, M.
S01-107	Viscoelastic Properties of Graphene-based Epoxy Resins	Nobile, M. R.
S01-108	Polymers in life sciences: pharmaceutical and biomedical applications	Barba, A. A.
S01-109	Rapid control of mold temperature during injection molding process: effect of packing pressure	Liparoti, Sara
S01-110	Rheological and mechanical behavior of poly(phenylene oxide)/polyamide nanocomposites	Fiore, M.

Ref. #	Title	Reference Author
S01-111	Upgrading of Recycled Plastics Obtained from Flexible Packaging Waste by Adding Nanosilicates	Incarnato, L.
S01-112	Effect of Polymer/Clay Composition on Processability of Polylactide Nanocomposites by Film Blowing	Incarnato, L.
S01-113	Thermal characterization of unsaturated polyester resin to improve process parameters in pultrusion process	Incarnato, L.
S01-114	Nanocomposites Biodegradable Coating on BOPET Films to Enhance Hot Seal Strength Properties	Incarnato, L.
S01-115	Use of Polypropylene Fibers Coated with Nano-Silica Particles into a Cementitious Mortar	Coppola, B.
S01-116	Viscoelastic Properties of Vis-Breaking Polypropylenes	Nobile, M. R.
S01-117	Biodegradable compounds: rheological, mechanical and thermal properties	Nobile, M. R.
S01-118	PET Based Nanocomposite Films for Microwave Packaging Applications	Galdi, M. R.
S01-119	Effect of pressure on viscosity at high shear rates by using an injection molding machine	Volpe, Valentina
S01-120	Foam injection molding of elastomers with iron microparticles	Volpe, Valentina
S01-121	Modeling and sensitivity analysis of mass transfer in active multilayer polymeric film for food applications	Incarnato, L.
S01-122	Effect of basic and acid fillers on hydrolysis and biodegradation rate of poly-lactic acid (PLA)	Speranza, Vito
S01-123	Injection Molding of iPP Samples in Controlled Conditions and Resulting Morphology	De Santis, Felice
S01-124	Confined tube flow of polymer blends. Effect of matrix elasticity	Guido, S.
S01-125	Effect of crystallinity on the viscosity of an iPP	Speranza, V.
S01-127	Physical changes of Poly(Lactic Acid) induced by water sorption	Pantani, R.