

June 15 (Sunday)		June 15 (Sunday)	
11:30	Registration Start (Area Panoramica)	Registration Start (Area Panoramica)	
17:00-17:30	Opening Ceremony (Auditorium Tafuri)	Opening Ceremony (Auditorium Tafuri)	
Plenary Talk (Auditorium Tafuri) Chair: Kikutani		Plenary Talk (Auditorium Tafuri) Chair: Kikutani	
17:30-18:20	<p>PLE-1412: The Solidification of Blends Containing Crystallizable Polymers: Opportunities to Control Morphology and Properties</p> <p>Schultz Jerold M.*</p>	<p>PLE-1412: The Solidification of Blends Containing Crystallizable Polymers: Opportunities to Control Morphology and Properties</p> <p>Schultz Jerold M.*</p>	
19:00-21.00	Welcome Party (Roof Garden Divine Costiere - Specchio di Mare)	Welcome Party (Roof Garden Divine Costiere - Specchio di Mare)	

June 16 (Monday)					June 16 (Monday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S07 Rheology & Rheometry	S06 Mixing & Compounding	S01 Extrusion, Coating and Joining	S20 Polymer for Biomedical and Pharmaceutical Applications	S13 Process Monitoring, Control & Sensors	S03 Injection Molding & Molds	S11 Processing of Composites and Filled Systems	S14 Green Polymers, Reprocessing & Recycling	S09 Morphology and Structure Development
Chair	Moldenaers	Potschke	Rauwendaal	Marshall	Neitzert	Kennedy	Saha	Vázquez	Peters
8.30 - 8.50	S07-209: The Rheotens Test – A Useful Guide to Polymer Processing at Free Surface Conditions	S06-306: Use of thermoresponsive binders: a route to achieve temperature-controlled dispersion of fine particle clusters	S01-596: Processing additives based on polyols and silanols for extrusion of polyolefins Kulikov Oleg L*; Wagner Manfred H; Hornung Klaus	S20-989: Engineering of Foamed Structures for Biomedical Application Netti Paolo Antonio*	S13-1042: In-situ Polymerization of Cyclic Poly(butylene terephthalate) : Ultrasonic and DSC Monitoring Derdouri Abdesslem*; Tatibouet Jacques	S03-484: Integrated Numerical Simulations to Predict Birefringence of Injection Molded Parts Chang Yuan-Jung*; Yang Wen-Hsien; Hsu Chia-Hsiang; Chang Rong-Yeu	S11-1017: New Models for Fiber Orientation in Injection-Molded Composites Tucker Charles L.*; Phelps Jay H.; Wang Jin	S14-1020: Crystallisation of PLA and PLA/Thermoplastic Starch blends under processing conditions Huneault Michel A.*; Li Hongbo	S09-1093: Flow-induced formation of microfibrillar phase in polyolefine blends Cermak Roman*; Polaskova Martina; Hnidakova Dana; Vychopnova Jana; Mosnovska Radka
8.50 - 9.10			Wagner Manfred H.*		Bava Luciana; Feke Donald; Manas-Zloczower Ica*; Rowan Stuart	S01-169: Temperature Modelling Inside the Screw Channel for Internal Tempered Screws Anger Karsten*; Helmut Potente; Schöppner Volker			S13-851: Quality surveillance for the water injection technique Michaeli Walter; Lettowsky Christoph; Grönlund Oliver*
9.10 - 9.30	S07-1002: High Strain Rate Rheometry of Polymer Melts Kelly Adrian*; Gough Tim; Coates Phil	S06-1208: Electron Treatment of Thermoplastics under Reactive Conditions Stephan Michael; Gohs Uwe*; Heinrich Gert; Volke Sebastian; Wagenknecht Udo	S01-274: The Effect of Wall Slip on the Performance of Profile Extrusion Dies Ferrás L.L.; Nóbrega J.M.; Pinho F.T.; Carneiro O.S.*	S20-526: The use of Diffusion Induced Phase Separation (DIPS) technique for the preparation of biodegradable scaffolds for angio..... La Carrubba Vincenzo*; Carfi Pavia Francesco; Brucato Valerio; Piccarolo Stefano; Ghersi Giulio	S13-913: Application of Capacitive Transducer for melt front rate control in injection molding Zhou Feng; Gao Furong*	S03-825: Modeling flow-induced crystallization in injection molding Custodio Frederico J.M.F.*; Anderson Patrick D.; Cunha Antonio M.; Meijer Han E.H.; Peters Gerrit W.M.	S11-920: Development and Properties of a Microfibril Reinforced Composite Container from a PE/PET Blend Shields Ryan*; Bhattacharyya Debes	S14-878: Structure Changes in Styrenic Polymers under First Use and Mechanical Recycling using Spectroscopic and Spectrometric Te..... Vilaplana Francisco*; Ribes-Greus Amparo; Karlsson Sigbritt	S09-1361: Structure-property relation in isotactic polypropylene with non-lamellar crystals Zia Qamer; Androsch René*; Radusch Hans-Joachim
9.30 - 9.50	S07-1300: A Study of the Rheology, Processing and Flow Induced Mesostuctures of Glass Bead Filled Polystyrene Embery John*; Hine Peter; Tassieri Manlio	S06-1334: Comparative study of three copolymers PTFE in improve extrudability of the linear low density polyethylene (LLDPE) Ferreto Helio Fernando Rodrigues*; Lima Luis Filipe Carvalho Pedroso; Parra Duclerc Fernandes; Lugão Ademar Benévolo	S01-897: Relation between Viscoelasticity Behavior of Multilayered Polymer Solution and Surface Appearance of Liquid film Nakamura Naoki*; Yamazaki Hidekazu; Yokoyama Atsushi	S20-811: Dynamic Creep and Fatigue Performance of Thermoplastic Elastomers as Biomaterials Goetz Christian*; Fischer Frank; Lim Goy-Teck; Altstaedt Volker; Puskas Judith E.; El Fray Miroslawa	S13-937: Study on Transcription Improvement by Visualization of Melt-transcription Molding Process Saito Takushi*; Ito Hiroshi; Kawaguchi Tatsuya; Satoh Isao	S03-919: Visualization Analysis of Generation Process of Irregular Gloss Patterns Appeared on Hinge-Molded Sample Masuda Norimichi*; Yokoi Hidetoshi	S11-658: Polyolefins/Cellulose Fibres Composites: Dispersion, Coloration, Compatibilization and Nanocomposite Elaboration Quiévy Nicolas*; Jacquet Nicolas; Sclavons Michel; Deroanne Claude; Paquot Michel; Devaux Jacques	S14-1385: PLA based composites: evaluation of the mechanical performance and aesthetics Campos Ana Rita*; Ferreira Irina; Cunha António M.	S09-766: The Effect of Structure and Processing Conditions on Efficiency of Specific Nucleation in Polypropylene Chvátalová Lenka*; Výchopňová Jana; Čermák Roman; Mošnovská Radka
9.50 - 10.10	S07-165: Linear and non-linear viscoelasticity of polydisperse star/linear polymer blends Coppola Salvatore*; Balacca Letizia; Righi Sandra; Vlassopoulos Dimitris; Van Ruymbeke Evelynne	S06-790: Optimization of mixing in rotated arc mixers (RAM) Singh Mrityunjay K.; Speetjens Michel F.M.; Anderson Patrick D.*; Meijer Han E.H.	S01-1192: The Use of Global Mixing Indices to Assess Mixing Efficiency in Single Screw Extrusion Domingues N.; Gaspar-Cunha A.; Covas J. A.*	S20-995: Design of Biodegradable Scaffolds via Gas Foaming and Microparticulate Templating Salerno Aurelio*; Iannace Salvatore; Netti Paolo Antonio	S13-1239: In-situ Characterization of Microstructure Development During Melt Spinning: Synchrotron x-ray Diffraction Studies From an Industrial Scale Fiber Spinning Process Londono J. David*; Chang Hao; Davidson Robert V; Geoghegan P; Guise W; Keane Denis	S03-657: Determination of diameter, length and three-dimensional distribution of fibres in short glass-fibre reinforced injection moulded parts using μ -X-ray computed tomography Salaberger Dietmar*; Kastner Johann; Zitzenbacher Gernot; Stadlbauer Wolfgang; Freytag Rotraud	S11-1135: Thermal and Dynamic Mechanical Properties of Polypropylene Reinforced with Sugarcane Fibers Luz Sandra Maria*; Gonçalves Adilson Roberto; Del'Arco Jr. Antonio Pascoal; Ferrão Paulo Cadette	S14-491: Rheological and Molecular properties of organic modified induced recycled and virgin high density polyethylene Gupta Rahul K*; Bhattacharya S.N.; Parmar H.B.	S09-346: Control of shish-kebab morphology in polymers crystallized under shear Mykhaylyk Oleksandr O*; Chambon Pierre; Graham Richard; Fairclough Patrick; Olmsted Peter; Ryan Anthony J
10.10 - 10.30	S07-557: Characterization of the onset and development of different melt instabilities in LDPE-LLDPE blends Lomellini Paolo*; Ferri Dino; Guglielmi Daniele; Doghieri Ferruccio			S20-978: Reduction of bacterial adhesion onto biocompatible polymers via plasma processing Moraes Francine S; Rangel Elidiane C; Santos Patrícia L; Cruz Nilson C*			S11-295: Processing – Property Relationship of Long Fiber Reinforced Polypropylene Composites Krishnamoorthy Senthil Kumar*; Ghosh Anup Kumar; Bhatnagar Naresh	S14-509: Morphology and Mechanical Properties of Physical Blends of Different Biodegradable Polyesters to Broaden their Area of A..... Berthé Vincent*; Bergeret Anne; Ferry Laurent; Benezet Jean-Charles; Pons Nicolas	
10.30 - 11.00	Coffee Break				Coffee Break				

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Session	S07 Rheology & Rheometry	S06 Mixing & Compounding	S02 Films and Fibers	S20 Polymer for Biomedical and Pharmaceutical Applications	S13 Process Monitoring, Control & Sensors	S16 Precision Injection Molding, New Molding Technologies	S11 Processing of Composites and Filled Systems	S14 Green Polymers, Reprocessing & Recycling	S09 Morphology and Structure Development
Chair	Grizzuti	Halasz	Guerra	Netti	Coates	Liu	Mohd Ishak	Huneault	Fulchiron
11.00 - 11.20	S07-569: Rheo-DSC: combining the worlds of rheology and thermal analysis Van Puyvelde Peter*; Janssens Vincent; Van Assche Guy; Van Mele Bruno	S06-308: Does drop size affect the viscoelastic drop breakup mechanism? Li Huaping; Sundararaj Uttandaraman*	S02-1242: Influence of fibers modification on properties of polylactid acid-cellulose fibers composites Kozlowski Marek*; Iwanczuk Andrzej; Szczurek Tomasz	S20-1278: In vitro polymer based models of tumors under electric fields : comparison with in silico simulations and in vivo measurements Marshall Guillermo*; Olaiz Nahuel; Mocskos Esteban; Colombo Lucas; Suarez Cecilia; Gonzalez Graciela; et. al.	S13-1326: Investigation of Relationship Between Warpage of Injection Molded Products and Temperature Distribution inside the Mold Murata Yasuhiko*; Abe Tomoyasu; Sugano Yuuki; Mizusawa Takahiro; Suzuki Kazuhiro; Ishikawa Kazuhiko; et. al.	S16-181: Morphology and properties of polycarbonate/multiwalled carbon nanotube composites for different microinjection molding c..... Abbasi Samaneh*; Derdouri Abdessalem; Carreau Pierre	S11-1394: An innovative method for the characterization of the nanoclay dispersion in rubber compounds and blends Ali Z.; Le H.; Ilisch S.; Radosch H.-J.*	S14-1254: Structural BioComposites: An Overview on Processing and Applications Misra Manjusri*	S09-518: Volumetric rheology of polymers: The influence of shear flow cooling rate and pressure on the specific volume of IPP hom..... Forstner Reinhard; Peters Gerrit W.M.*; Meijer Han E.H.; Rendina Carmine
11.20 - 11.40			S02-576: Spinning, Structure and Properties of Polypropylene/Boehmite Composite Fibres Marcincin Anton*		S13-216: Instrumentation of Injection Stretch Blow Moulding Salomeia Yannis*				S16-230: Ultrasonic micro hot embossing of thermoplastic polymers Schomburg Werner Karl; Khuntontong Puttachat*; Blaser Thomas
11.40 - 12.00	S07-194: The Role of Molecular Architecture on Rheological Properties and its Effect on Film-Casting Performance Seay Christopher W.; McGrady Christopher D.; Baird Donald G.*	S06-846: In situ characterisation of dispersion process of silica in an elastomer matrix submitted to shear, impact of the filler..... Roux Céline*	S02-875: Microporous Membranes Obtained from Polypropylene Blend Films by Stretching Tabatabaei Seyed Hesamoddin*; Carreau Pierre J.; Ajji Abdellah	S20-510: A nanostructured hybrid device based on polymers infiltrated porous silicon layers for biotechnological applications Rotiroti Lucia*; Rendina Ivo; De Tommasi Edoardo; Canciello Mariarosaria; Maglio Giovanni; Palumbo Rosario; et. al.	S13-272: In-line monitoring of injection moulding materials and parameters using near infrared spectroscopy and chemometric analy..... Ghita Oana*; Baker Dave; Evans Ken	S16-354: A study of micro replication by compression injection molding Rodhe Melanie; Kamal Musa R.*; Derdouri Abdessalem	S11-964: Production of Modified Clays and their use in Polypropylene Matrix Nanocomposites Seyidoglu Tijen*; Yilmazer Ülkü	S14-1303: Baroplastic Elastomer: In Different Topologies and used as Compatibilizer Acar Metin Hayri*; Inceoglu Sebnem	S09-830: Comparative Analysis of Nanostructured triblock Copolymer Films Menshikov Evgeny A*; Bolshakova Anastasia V; Yaminski Igor V
12.00 - 12.20	S07-788: Micro-rheological Study of a Main Chain Thermotropic Liquid Crystalline Co-polyester Containing a Small Amount of Fully Exfoliated Nanoclay Tang Youhong; Gao Ping*		S02-886: Polypropylene Composites Reinforced with Surface Treated Microcrystalline Cellulose: Enhanced Compatibility and Creep Re..... Genovese Antonietta; Spoljaric Steven; Shanks Robert*	S20-506: Shape memory in uncrosslinked biodegradable polymers Wong Yee Shan*	S13-549: Realtime Monitoring of Particles and Inhomogeneities in Flowing Polymer Melts at Extrusion and Injection Molding Process..... Grosse Stephan*; Stephan Michael; Blankschein Udo; Rudolph Andreas; Stintz Michael	S16-1128: Combined flow visualisation and ultrasonic techniques for characterisation of the micromoulding process. Whiteside Ben*; Brown Elaine; Spares Rob; Coates Phil	S11-824: Investigation on Poly(butylene terephthalate) (PBT) nanocomposites prepared with Bis(hydroxyethyl terephthalate) (BHET) mo..... Callegaro Gabriella*; Amendola Eugenio; Acierno Domenico	S14-236: Modification of Degradation and Processing Characteristics of Polylactic Acid with Ionic Liquids Xanthos Marino*; Park Kuil	S09-161: Polymorphic Crystallization of Beta-Nucleated Polypropylene in Pipe Extrusion – Comparison between Simulation and Experi..... Nestelberger Susanne*; Gahleitner Markus; Piccarolo Stefano; Kiflie Zebene; Liedauer Siegfried; Koch Thomas
12.20 - 12.40			S02-1179: Evaluation of structure development and stretchability during the stretching process for various polypropylenes Kanai Toshitaka*	S20-1344: Material property changes vs. release of phthalates from in vitro and in vivo aged biomaterials made of PVC Axelsson Sara; Aune Ragnhild; Karlsson Sigbritt*	S13-912: Visualization Analysis of In-cavity Demolding Phenomena in Injection Molding of Fine Prism-Patterns Assisted by Dissolved CO2 Gas Yokoi Hidetoshi*; Shito Tetsuya		S11-849: PP-Clay Nanocomposites: effect of short-chain additives on rheology and mechanical properties Haworth Barry*; Ratnayake Upul Nishantha	S14-271: Formation of Water-disintegrative Poly(l-lactic acid) Blends Oyama Hideko T.*; Tanaka Yoshikazu; Shida Shigenari; Kadosaka Ayako	S09-1350: The Determination of the Relevant Parameters of Polymer Crystallization for Process Modeling Boyer Séverine A.E.*; Silva Luisa; Gicquel Mounia; Devisme Samuel; Chenot Jean-Loup; Haudin Jean-Marc
12.40 - 13.00			S11-1080: High Flow PP Nanocomposites - Processing and Properties Tyagi Sandeep*; Preschilla Nisha; Singh Pankaj	S14-508: Mechanical and Dynamic-Mechanical Properties of Biodegradable Epoxy Resins Russo Pietro*					
13.00 - 14.30	Lunch				Lunch				

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Plenary Talk (Auditorium Tafuri) Chair: Maijer					Plenary Talk (Auditorium Tafuri) Chair: Maijer				
14.30 - 15.20	PLE-1409: Engineering Plastics – Markets & Trends Hoven-Nievelstein Willy*				PLE-1409: Engineering Plastics – Markets & Trends Hoven-Nievelstein Willy*				
15.20 - 16.10	PLE-1410: Challenges and Opportunities for Plastics in Sustainable Energy Scenarios Lang Reinhold W.*				PLE-1410: Challenges and Opportunities for Plastics in Sustainable Energy Scenarios Lang Reinhold W.*				
16.10 - 16.40	Coffee Break				Coffee Break				
June 16 (Monday)					June 16 (Monday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S18 Nano-Structured Materials		S04 Blow and Rotational Molding and Thermoforming	S21 Electronics and Optics Related Polymers	S17 New Processes and Testing Technologies	S10 Polymer Alloys and Blends	S08 Modeling and Simulation	S14 Green Polymers, Reprocessing & Recycling	S19 Properties after Processing
Chair	Bhattacharya		Wortberg	Akcelrud	Brucato	Radusch	Tucker	Yu Long	Govaert
16.40 - 17.00	S18-1205: The Impact of Surface Properties on Preparation and Performance of Nanocomposites		S04-1061: On-line Measurement of Polymer Sheet Modulus in Thermoforming Keaney Tony J*	S21-545: Fabrication of oriented layers for optoelectronic devices by zone casting	S17-237: Thermal and Hydrolytic Degradation of Polylactic Acid Nanocomposites Xanthos Marino*; Zhou Qu Yuan	S10-150: Recent Advances on the Use Halogen-Free Modifiers as Fire Retardant Additives in Polyester Resins Applications Kicko-Walczak Ewa*	S08-1234: Finite Element Analysis of Multilayer Coextrusion	S14-1304: Renewable Hierarchical Composites: Processing and Properties	S19-1025: Modeling of Thermal Aging Effects on Mechanical Properties of Graphite/Epoxy Composite Laminates Ozcelik Orhan; Aktas Levent; Altan M. Cengiz*
17.00 - 17.20			S04-1074: Effect of extrusion and thermoforming parameters on the properties of polypropylene thermoformed products Kamal Musa R*; Uribe-Calderon Jorge		S04-1074: Effect of extrusion and thermoforming parameters on the properties of polypropylene thermoformed products McConville Eileen*	Tracz Adam*			S17-329: A Laser Assisted Method to Modify Thermoplastic Surfaces Minkkinen Hannu; Laakso Petri; Sarlin Juha*

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Session	S18 Nano-Structured Materials		S04 Blow and Rotational Molding and Thermoforming	S21 Electronics and Optics Related Polymers	S17 New Processes and Testing Technologies	S10 Polymer Alloys and Blends	S08 Modeling and Simulation	S14 Green Polymers, Reprocessing & Recycling	S19 Properties after Processing
Chair	Bhattacharya		Wortberg	Akcelrud	Brucato	Radusch	Tucker	Yu Long	Govaert
17.20 - 17.40	S18-357: Effect of processing on performance of epoxy Layered-Double-Hydroxides nanocomposites: the importance of mesoscale characterization Zammarano Mauro*; Gilman Jeffrey; Minigher Andrea		S04-1289: The effect of coupling mask heating with plug-assisted thermoforming on the thickness distribution of parts Duarte Fernando*; Covas José	S21-990: Fabrication of 1D Photonic crystals based on hollow all-polymer fibers Dubois Charles*; Skorobogatiy Maksim; Ajji Abdellah	S17-342: Development of a modified processing technique for selective laser sintering of high temperature resistant polymers with..... Kroh Michael Manfred*	S10-838: Investigations on self-reinforced domain structured polyolefin compositions processed by injection moulding Frick Achim*; Ruff Martin	S08-1230: Neural Network-Based Closure Approximation for Short-Fiber Suspension Simulations Smith Douglas Earl*; Jack David Abram	S14-1345: Environmental degradation of bio- and nanocomposites Strömberg Emma; Karlsson Sigbritt*	S19-548: Is the bulk modulus of thermoset polymers viscoelastic? Jansen K.M.B.*; Patel M.; Saraswat M.K.; Ernst L.J.
17.40 - 18.00	S18-410: Polymer/Layered double hydroxide nanocomposites: Effect of anionic organic modifier and interlayer distance on the nanofiller dispersion and properties of the nanocomposites Costa Francis R.*; Wagenknecht Udo; Leuteritz Andreas; Heinrich Gert		S04-1328: PMMA/ABS sheets reinforced with thermoplastic matrix composites La Tegola Carola; Piscopo Marina; Maffezzoli Alfonso; Corigliano Simona*; Rametta Rocco	S21-584: Polymer Processing in OLED Application Petrosino Mario*; Vacca Paolo; Minarini Carla; Rubino Alfredo; Bellone Salvatore	S17-551: Dissipation leading to self heating of nascent semi-crystalline polymer powders during High Velocity Compaction process. Lame Olivier*; Jauffres David; Vigier Gerard; Doref Lorence	S10-942: Effect of a Small Amount of the Third Immiscible Component on the Size of Dispersed Particles in Polymer Blends Fortelny Ivan*; Lapcikova Monika; Lednický Frantisek; Mikesova Jana	S08-1232: A Multi-Gauss Point Finite Element Approach for the Predicting Elastic Properties of Short Fiber Composites Smith Douglas Earl*; Caselman Elijah C.	S14-987: Fullerene C60 as advantage additive for recycling of polymer composites Zuev Vjacheslav*	S19-446: Evaluation of dynamical-mechanical properties of NC2-RTM6 laminates Cioffi Maria Odila Hilário*; Táparo Rafael de Souza; Voorwald Herman Jacobus Cornelis; Rezende Mirabel Cerqueira; Ambrosio Luigi; Ortiz Edmundo Cabral
18.00 - 18.20	S18-420: Polymer nanocomposites: influence of the processing on dispersion and final properties Tabuani Daniela*; Ceccia Simona; Camino Giovanni		S04-1389: Study of Molecular Orientation in Blow Moulded Polyethylene Terephthalate Parts by Using Attenuated Total Reflection Fourier Transform Infrared Spectroscopy (ATR-FTIR)	S21-815: A Novel Mechano-Opto-Electrical Measurement System for Transparent Conductive Film Characterization Cakmak Miko*; Wei Zhao	S17-1207: Tensile tests and ultramicrotomy – The Environmental scanning electron microscope as a versatile tool for the investigation of the fracture behaviour of polymers	S10-1306: Melt mixed blends of polycarbonate and polyamide with multiwalled carbon nanotube concentrates in polyethylene	S08-734: High Strength Polymers - Finite Element Analysis of Fibre Reinforced Solid Phase Oriented Materials Caton-Rose Fin*; Alkoles Omar; Hine Pete; Ward Ian	S14-632: Petrochemical feedstocks and syncrude production from plastic waste by pyrolysis Angyal András*; Miskolczi Norbert; Bartha László	S19-222: Predicting the Mechanical Performance of Glassy Polymers directly from Processing Conditions.
18.20 - 18.40	S18-566: Function-Integration in Polymer Composites Using Layered Double Hydroxide Nanoparticles Wagenknecht Udo*; Leuteritz Andreas; Costa Francis Reny; Wiessner Sven		S21-417: Recording of high efficiency holographic gratings in photopolymers initiated by luminescent dyes Chilaya Guram*	S08-102: Interplay of Elasticity and Inertia and the Role of Vorticity Type Change in Enhancing Heat Transfer in Tube Flow of Non-Linear Viscoelastic Fluids Siginer Dennis A.*; Letelier Mario F.			S14-1260: Recycling and Reuse of Natural Fibercomposites Morán Juan Ignacio; Alvarez Vera Alejandra; Vázquez Analia*	Engels Tom A.P.*; Govaert Leon E.; Meijer Han E.H.	
18.40 - 19.00	S18-829: In situ Nanocomposites from Oriented Polyethylene/Polyamide Oriented Blends Dencheva Nadya Vassileva; Oliveira Maria Jovita; Denchev Zlatan Zlatev*		S04-514: Influence of chemical architecture of PET on ability to stretch blow moulding Deloye Elise; Haudin Jean-Marc; Billon Noëlle*	S21-785: New process for polymers and nanoparticles dry patterning in electronic applications Vacca Paolo*; Palumbo Domenico; Minarini Carla; Della Sala Dario	S17-328: Effect of elastic turbulence in shear-induced crystallization of polymers Mykhaylyk Oleksandr O; Ryan Anthony J*	S10-1026: Ternary Polymer Blends with Thermally Stable Charge Storage Lovera Deliani*; Ruckdaeschel Holger; Altstaedt Volker; Schmidt Hans-Werner	S14-710: Microwave Technology Applied to a Vulcanized Model Rubber Compound: Reclamation and Recycling Ability Biondi Dario; Chiappini Andrea; Gallone Giuseppe; Polacco Giovanni*	S19-711: Correlations between Dynamic-Mechanical Properties and Fatigue Life of Glass Fiber-Reinforced Polypropylene Composites C..... Sousa José Alexandrino*; da Cruz Michelle Christina; Calil Junior Carliito	
19.00 - 19.20									
19:30	Folk Tradition Show (Auditorium Tafuri)				Folk Tradition Show (Auditorium Tafuri)				

June 17 (Tuesday)					June 17 (Tuesday)					
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope	
Session	S18 Nano-Structured Materials		S04 Blow and Rotational Molding and Thermoforming	S07 Rheology & Rheometry	S06 Mixing & Compounding	S03 Injection Molding & Molds	S11 Processing of Composites and Filled Systems	S14 Green Polymers, Reprocessing & Recycling	S19 Properties after Processing	
Chair	Vergnes		Carneiro	Koyama	Hrymak	Cunha	Tucker	La Mantia	Incarnato	
8.30 - 8.50	S18-366: Nanostructured Polymers for Oxygen Barrier and Flame Retardancy Applications		S04-391: Extrusion-Assisted Rotational Foam Molding	S07-297: Rheological Properties of Ionic Liquids	S06-227: Preparation of Polymer-Nanocomposite-Masterbatch using a co-rotating twin screw extruder in combination with a melt pump Laske Stephan*; Kracalik Milan; Feuchter Michael; Pinter Gerald; Maier Guenther; Langecker Guenter Ruediger	S03-1024: Some Insights into the Fundamentals of Water Assisted Injection Moulding Polynkin Andrey; Bai Luolin; Pittman John FT*; Sienz Johann	S11-340: The processing of optically transparent polystyrene blends filled with cross-linked polystyrene beads. Lord T.D.*; Embury J.; Tassieri M.; Butler S.A.; Hine P.; Mackley M.R.	S14-316: High performance alloy of Bio-based thermoplastics PA11 and PLA Brulé Benoit*; Decraemer Nadine; Gamache Eric; Yasuda Maho; Amouroux Nicolas	S19-1011: Effects of Processing Techniques and Fibre Load on the Properties of Wood Plastic Composites Bouafif Hassine; Koubaa Ahmed*; Perré Patrick; Cloutier Alain	
8.50 - 9.10	Kenig Samuel*; Ophir Amos; Shepelev Olga		Pop-Iliev Remon*	Friedrich Christian*; Korth Yasmin	S06-715: Effect of Process Parameters on the Properties of Nanocomposites Prepared by Melt Compounding in a Twin Screw Extruder Scatto Marco*; Andreotti Leonardo; Coiai Serena; Sterner Marion; Bertoldo Monica; Passaglia Elisa; et. al.	S03-1310: Multiple Benefits from Rapid Temperature Cycle Injection Moulding Pittman John*	S11-344: Product Development with Thermal Conductive Polymers and the Need for Integrated Use of Simulation Heinle Christoph*; Amesoeder Simon; Brocka Zaneta; Schmachtenberg Ernst	S14-1315: Green Polymer Packaging Containers for the Military Ratto Jo Ann*; Niedzwiecki Jason; Lucciarini Jeanne; Thellen Christopher; Froio Danielle; Farrell Richard; et. al.	S19-845: A Study of Shear-Refinement of mechanically treated melts through comparison with Disentangled References obtained from Ibar JP*; Alla IA.; Agassant Jean-Francois	
9.10 - 9.30	S18-1171: Peptide binding to sheet silicate and metal nanoparticles: Insight from atomistic simulation and experiment Heinz Hendrik*; Vaia Richard A; Naik Rajesh R; Farmer Barry L		S04-142: Investigating the Effect of Processing Route on Polypropylene/Clay Nanocomposite Performance. Abu-Zurayk Rund*; Harkin-Jones Eileen; McNally Tony; Menary Gary; Armstrong Cecil; Martin Peter	S07-101: Rheological characterization of PTT / MMT nanocomposites Favaro Marcia Maria*; Beatrice Cesar; Branciforti Marcia Cristina; Bretas Rosario Elida Suman	S06-759: Thermoplastic Elastomers Based on Linear Low Density Polyethylene, Ethylene-1-Octene Copolymer and Ground Rubber Tire Rocha Marisa Cristina Guimaraes*	S03-598: Development of efficient composite systems for the production of resin cast moulding blocks Pontes AJ*; Sousa C; Gomes C; Pouzada AS	S11-753: Characterization of flame retardancy and effect of synergism on PET based composites via phosphate based flame retardant..... Kilinc Mert*; Bayram Goknur; Yilmaz Aysen; Cakal Gaye O.; Eroglu Inci; Ozkar Saim	S14-1228: Film Casting of Renewable Resource Polymers Harrison Graham*; Conrad Jason	S19-341: Lifetime predictions of glass fibre reinforced polyamide 6.6 composites and application to construction parts Geier Simon*	
9.30 - 9.50	S18-1391: Effect of Nanoclay on Oxo-Biodegradation of Polyethylene Reddy M.M.; Gupta Rahul K.; Bhattacharya S.N.; Parthasarathy R.*		S04-143: Biaxial stretching of PET-nanoclay composites: Deformation behaviour, mechanical and barrier properties. Soon Kok Heng*; Harkin-Jones Eileen; Rajeev Rajvihar S; Menary Gary; McNally Tony; Armstrong Cecil; et. al.	S07-275: A Mesoscopic Tube Model of Polymer/layered Silicate Nanocomposites Eslami Hassan*; Grmela Miroslav; Bousmina Mosto	S06-719: A new mixing device based on elongational flow. Muller René*; Bouquey Michel; Triki Badi; Bouchet Gilles; Loux Cyril	S03-572: Water Assisted Injection Moulding: Simulations and experimental results from an instrumented process. Mulvaney-Johnson Leigh*; Polynkin Andrey; Bai Luolin; Pittman John FT; Sienz Johann; Brown Elaine C; et. al.	S11-535: The influence of reactive oligomers on processing behaviour and properties of flame retarded Polypropylene/Magnesiumhydr..... Wiessner Sven*; Wagenknecht Udo; Ranucci Elisabetta; Tokarev Victor; Fernandez Claudio	S14-909: Hybrid injection molding for natural fiber composites Takai Yoshihiro; Ota Tomoko*; Nakai Asami; Hamada Hiroyuki	S19-1354: Understanding of annealing effect on fracture behavior by essential work fracture analysis Chan Chi-Ming*; Lin Yong	
9.50 - 10.10	S18-469: Preparation and characterization of toughened polypropylene nanocomposites Pessan Luiz Antonio*; Martins Carolina Galão; Laroocca Nelson Marcos		S04-176: Investigation of the Heating/Cooling Process in Rotational Molding Enhanced with Fins Liu Shih-Jung*; Fu Kwang-Hwa	S07-637: A transient rheology study of the PET-PEN-Montmorillonite clay nanocomposite Calderas Fausto*; Antonio Sánchez-Solís; Maciel Alfredo; Manero Octavio	S06-1153: Novel Dispersion Technique for Nano-Particles by Ultrasonic Wave Suetsugu Yoshiyuki; Sato Astushi*	S03-645: Application of Ultrasonic Wave to Injection Molding Sato Atsushi; Ito Hiroshi*; Koyama Kiyohito	S11-412: Studying on preparation and reinforcement mechanism of high performance multi-walled carbon nanotube/ultra-high molecular weight polyethylene composite fibers Tam Daphne Yee Kam; RUAN Shilun; Gao Ping*; YU Tongxi	S14-265: Processing Polymers from Renewable Resources Petinakis Steven; Yu Long*; Dean Katherine	S19-975: Effects of the processing conditions on the reactive compatibilized PBT/ABS blend toughness prepared by twin screw extrusion Ambrósio José Donato*; Laroocca Nelson Marcos; Pessan Luiz Antonio; Hage Jr. Elías	
10.10 - 10.30	S18-1040: Synthesis and properties of flame retarded PA6/clay nanocomposites Kiliaris Pantelis*; Pappaspyrides Constantine D; Pfaendner Rudolf		S04-764: Micro-blow moulding and micro-thermoforming: simulation and validation Choudhury Nushi; Debergue Patricia*; Di Raddo Robert; Truckenmueller Roman; Giselbrecht Stefan	S07-767: Shear and Elongational Rheology of High Aspect Ratio Nano-Particle Filled Poly (Ether Ether Ketone) D.S Bangaru Sampath*; Ruckdäschel Holger; Altstädt Volker; Sandler Jan K.W; Shaffer Milo S.P	Suetsugu Yoshiyuki; Sato Astushi*	Sato Atsushi; Ito Hiroshi*; Koyama Kiyohito	Tam Daphne Yee Kam; RUAN Shilun; Gao Ping*; YU Tongxi	Petinakis Steven; Yu Long*; Dean Katherine	Ambrósio José Donato*; Laroocca Nelson Marcos; Pessan Luiz Antonio; Hage Jr. Elías	
10.30 - 11.00	Coffee Break					Coffee Break				

June 17 (Tuesday)					June 17 (Tuesday)				
Plenary Talk (Auditorium Tafuri) Chair: Sakai					Plenary Talk (Auditorium Tafuri) Chair: Sakai				
11.00 - 11.50	PLE-1406: The market and manufacture of polyolefin in China Qiao Jinliang*				PLE-1406: The market and manufacture of polyolefin in China Qiao Jinliang*				
11.50 - 12.40	PLE-1413: Fiber processing supported with micro-structure analysis --- Usefulness of morphology snapshot technology Yabuki K.*				PLE-1413: Fiber processing supported with micro-structure analysis --- Usefulness of morphology snapshot technology Yabuki K.*				
12.40 - 14.50	Lunch + Poster Session 1 (Area Panoramica) [S06+S10+S11+S18+S12]				Lunch + Poster Session 1 (Area Panoramica) [S06+S10+S11+S18+S12]				
June 17 (Tuesday)					June 17 (Tuesday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S18 Nano-Structured Materials	S10 Polymer Alloys and Blends	S12 Elastomers & Elastomer Processing	S21 Electronics and Optics Related Polymers	S01 Extrusion, Coating and Joining	S16 Precision Injection Molding, New Molding Technologies	S08 Modeling and Simulation	S15 Foam Processing and Applications	S09 Morphology and Structure Development
Chair	Vergnes	Manas-Zloczower	Mead	Della Sala	Covas	Baird	Agassant	Ohshima	Piccarolo
14.50 - 15.10	S18-1231: Structure-property relationships in nanosystems	S10-1229: Shear banding in biphasic polymer blends Caserta Sergio*; Ferrara Angelo; Simeone Marino; Guido Stefano	S12-1167: A new method for characterization of the distribution of nanofiller in rubber blends	S21-1388: Anti-Reflective Coatings for LCD Screens Crawford Lynley J.; Edmonds Neil R.*; Plimmer Peter N.; Lowy Jonathan	S01-147: Compounding technology focused on polymer nano-composites Sakai Tadamoto*	S16-916: Development of High Transcription and High Cycle Micro Molding Technologies Using Rapid Local Temperature Control System..... Abe Masahiro; Sato Yuji; Mitama Ichiro; Tokunou Ryuichi; Hirata Toru; Katoh Takanori*	S08-943: A finite element based methodology for solving moving boundary problems with large deformations in complex geometries: Applications in polymer processing and rheology Tsamopoulos John*; Dimakopoulos Ioannis	S15-898: Morphological Characterization of Bio-Fiber Composite Foam Guo Gangjian; Rizvi Ghaus M.*; Kuboki Takashi; Park Chul B.; Sain Mohini; Nutt Steven	S09-343: Crystallization of electron beam crosslinked UHMWPE Göschel Ulrich*; Ulrich Christian
15.10 - 15.30		S10-1287: Effect of the solvent elasticity on the stress induced demixing of a polymer blend. Bousmina Mosto*				Minale Mario*		Ilisch Sybill*; Le Hai Hong; Radusch Hans-Joachim	S16-213: Manufacture of Thermoplastic Elastomers Tubes by Water Assisted Injection Molding Technology Liu Shih-Jung*; Liu Che-Chi
15.30 - 15.50	S18-325: The Rheology and Microstructure of Carbon Nanotube (CNT) Suspensions Ma Anson W.K.*; Chinesta Francisco; Mackley Malcolm R.	S10-192: Coalescence of partially miscible polymer blends in a confined flow Tufano Carmela*; Peters Gerrit W.M.; Meijer Han E.H.	S12-448: Curing cycle optimization of a thick section rubber part El Labban Abdulrahman*; Mousseau Pierre; Deterre Remi; Bailleul Jean-Luc	S21-1118: Spectroscopic ellipsometry analysis of polymer-like thiophene thin films grown by plasma deposition Galca Aurelian-Catalin*; Satulu Veronica; Mitu Bogdana; Dinescu George; Petrone Carmen	S01-120: An Overview on the Use of Acid and Ion-Containing Compatibilizers to Compatibilize Polyethylene-Polyamide 6 blends Grady Brian P*	S16-642: A novel fabrication method for various nickel mold inserts using anodic aluminum oxide for nano structure molding applic..... Park Jang Min; Rha Moonwoo; Kwon Tai Hun*	S08-141: Surface tension effect on micro injection molding Cao Wei*; Hassager Ole; Wang Yanwei	S15-324: Foaming of Thin Films of Fluorinated Ethylene Propylene Copolymers Using Supercritical CO2 Zirkel Larissa*; Münstedt Helmut	S09-726: Precursors, crystallization and melting in sheared bimodal HDPE melts Balzano Luigi*; Peters Gerrit W.M.; Kukalyekar Nilesh; Rastogi Sanjay

June 17 (Tuesday)					June 17 (Tuesday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S18 Nano-Structured Materials	S10 Polymer Alloys and Blends	S12 Elastomers & Elastomer Processing	S21 Electronics and Optics Related Polymers	S01 Extrusion, Coating and Joining	S16 Precision Injection Molding, New Molding Technologies	S08 Modeling and Simulation	S15 Foam Processing and Applications	S09 Morphology and Structure Development
Chair	Vergnes	Manas-Zloczower	Mead	Della Sala	Covas	Baird	Agassant	Ohshima	Piccarolo
15.50 - 16.10	S18-1068: Nanocomposites of poly(ethylene terephthalate) with titanium nanoparticles encapsulated with PVOH Bernardo Paulo R.A.*; Carvalho Antonio J.F.; Pessan Luiz Antonio; Vidotti Suel Eric	S10-760: Prediction of Morphology of Polyethylene-Starch Blends by Rheological Models Lacoste Catherine*; Rondot Sebastien; Delloque Philippe; Dony Philippe; Nolot Jean-Baptiste; Erre Damien	S12-1186: Modification of thermoplastic polyurethane by melt mixing with carbon nanotubes Pötschke Petra*; Häußler Liane; Pegel Sven; Dudkin Sergej; Xu Jianjun; Alig Ingo; et. al.	S21-246: Electrically conducting nanoparticles by grafting polypyrrole onto the surface of specially modified silica nanoparticle..... Pourabbas Behzad*; Marini Michele; Pilati Francesco; Fabbri Paola	S01-289: Increased surface energy by functionalization and coating with the Plasmaline Dams Roel*; Rego Robby	S16-854: Multi-component technique: Hybrid primary forming of plastics/metal-composites Michaeli Walter; Neuß Andreas; Grönlund Oliver*; Lettowsky Christoph	S08-164: Integrative interconnection of design, calculation and simulation for dimensioning a flow channel in polymer processing Wortberg Johannes; Saul Kenny*; Lupa Norman	S15-1316: Biodegradable Thermoplastic Foams from Synthetic and Natural Resources	S09-792: Relationship between morphology of UHMWPE reactor powders and their ability to compaction and gel formation Marikhin Viacheslav Alexandrovich*; Myasnikova Liubov Petrovna; Ivankova Elena Mikhailovna; Egorov Victor Mikhailovich; et. al.
16.10 - 16.30	S18-624: Conductive network formation and Electrical Properties of Polymer Composites with Multi-Walled Carbon Nanotubes Yoon Ho Won; Kanoh Taichi; Yamaguchi Masayuki*; Umishita Kazunori	S10-603: Effects of confinement and component viscoelasticity on single droplet behavior during shear flow Cardinaels Ruth; Vananroye Anja; Verhulst Kristof; Moldenaers Paula*	S12-1387: Carbon Nanotube Network in Elastomers Das Amit*; Jurk R.; Stöckelhuber K.W.; Heinrich G.	S21-318: Conductive PP Composites with Cnt-PANI Hybrid Kirsi Immonen; Kalle Nättinen; Hartikainen Juha; Sarlin Juha*	S01-1216: How to Achieve Stable and Efficient Extrusion Rauwendaal Chris Johan*	S16-299: The role of heat transfer in micro-injection molding Hrymak Andrew N*; Apostolou Konstantinos; Kamal Musa R.	S08-794: Numerical modelling of dip-coating process Rélot Emmanuelle*; Bikard Jérôme; Navard Patrick	S15-810: The Investigation of the Effect of the Glass Microsphere on the Mechanical Properties of the Thermoplastic Foam Bledzki Andrzej; Kühn Joanna*	S09-921: The Effects of Additives on Material Properties and Shrinkage Characteristics
16.30 - 16.50	S18-925: Investigating the Performance of a Covalently Bound Nanotube (Controlled and Uncontrolled) Polymer Composite Film. Aitchison Tony J.*; Ginic-Markovic Milena; Matisons Janis		S12-868: Shape Memory phenomena and effect of Nanosilver on anti bacterial properties in Polyurethanes Nemati Mirzaee Shahram; Mir Mohamad Sadeghi Gity*	S21-466: Polymer dispersed liquid crystal films based on poly(meth)acrylic copolymers Johns Michael*; Bulgakova S.A.; Mashin A.I.; Kazantseva I.A.; Tsepkov G.S.; Korobkov A.V.	S01-605: Slot-Die Coating of Aqueous Poly(Vinyl) Alcohol Solutions Tiu Carlos*; Liu Ta-Jo; Chu Victoria; Tsai Ming-Zhi; Chang Yi-Rong		S08-806: Integrative Simulation of blown film formation with interacting cooling airflow Bussmann Markus*; Wortberg Johannes		S09-921: The Effects of Additives on Material Properties and Shrinkage Characteristics Hadinata Chitaur*; Zheng Rong; Kennedy Peter; Zhu Pengwei; Edward Graham; Lee Wo Duane; et. al.
16.50 - 17.10	S18-961: Multi-walled Carbon Nanotube Filled Polypropylene Nanocomposites based on a Masterbatch route: Optimization of CNTs disp..... Soulestin Jeremie*; Prashantha Kalappa; Lacrampe Marie France; Krawczak Patricia	S10-614: In-situ visualization of drop deformation under simple shear flow Mechbal Nizar*; Bousmina Mosto	S12-375: Microstructure Controlling Parameters in Interfacially Compatibilized EPDM rubber/Montmorillonite Nanocomposite: Rheolog..... Mohammadpour Yasaman; Katbab Ali Asghar*; Nazokdast Hossein	S21-803: Azo containing polymer as active layer in memory cell prototypes Attianese Domenico*; Petrosino Mario; Vacca Paolo; Concilio Simona; Minarini Carla; Iannelli Pio; et. al.	S01-834: Induction Welding - Flexible Joining Technology for Fiber Reinforced Thermoplastic Polymer Composites Schlarb Alois K.*; Moser Lars; Mitschang Peter	S16-906: Film Insert Molding as a Novel Weld-Line Inhibition and Strengthening Technique Leong Yew Wei*; Hamada Hiroyuki	S08-981: Simulating injection moulding of micro featured components Tofteberg Terje*; Andreassen Erik	S15-638: Optimisation of extruded polymer foam by the Resident Time Distribution approach Leonardi Frederic*; Larochette Mathieu; Nasri Djamel; Graebbling Didier	S09-870: PVDF surface functionalization and its effect on the crystal phase transition Seo Yongsok*; Hong Soon Man
17.10 - 17.30	S18-709: Polyurethane/Carbon Nanotubes Composite Xia Hesheng*; Wang Xueli; Hou Li; Liu Ting; Song Mo	S10-250: Relationship Between Morphology and Melt Linear Viscoelastic Properties of (PA6/PP/PS) Ternary blend Systems Mohammadigoushki Hadi; Nazockdast Hossein*			S01-847: Volatile organic compounds evolved from unstabilized polypropylene during extrusion Canevarolo Sebastião V.*; Cáceres Carlos A.	S16-994: Pressure-Dependent Properties of Cemented Carbides Based PIM Composites Hausnerova Berenika*; Vltavská Pavlína; Sedláček Tomáš; Sába Petr	S08-818: Numerical Simulation of Mechanical Properties of Cellular Materials Using Computed Tomography Analysis Fischer Frank*; Lim Goy Teck; Altstädt Volker	S09-153: Non Adiabatic Thin-Film (Chip) Nanocalorimetry for Fast Cooling and Heating (MK/s) Schick Christoph*; Minakov Alexander A.; Wurm Andreas; Zhuravlev Evgeny	
19:30	Gala Dinner (Hotel Ariston - Capaccio Paestum) [Departure to Paestum from Grand Hotel Salerno from 18.00 to 18.20]				Gala Dinner (Hotel Ariston - Capaccio Paestum) [Departure to Paestum from Grand Hotel Salerno from 18.00 to 18.20]				

June 18 (Wednesday)					June 18 (Wednesday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S18 Nano-Structured Materials	S19 Properties after Processing	S06 Mixing & Compounding	S15 Foam Processing and Applications	S05 Thermosets and Reactive Processing	S17 New Processes and Testing Technologies	S08 Modeling and Simulation	S02 Films and Fibers	S20 Polymer for Biomedical and Pharmaceutical Applications
Chair	Pessan	Hage	Lomellini	Kauffmann	Cassagnau	Vlachopoulos	Mitsoulis	Ajji	Marshall
8.30 - 8.50	S18-736: Effect of organoclay on the morphology and mechanical properties of high-density polyethylene/polyamide 6 blends	S19-692: Structure Development and Replication Properties of Micromolded Plastics Parts in Injection Compression Molding Ito Hiroshi*; Suzuki Hajime; Kazama Kunihiko; Kikutani Takeshi	S06-786: Mixing Scalability & The Rheology of Polymeric Compounds Sentmanat Martin*; Hatzikiriakos Savvas; Muliawan Edward	S15-863: Effects of Dissolved Carbon Dioxide and Organoclay on the Crystallization of Poly(lactic acid) as Probed by Ultrasonic Measurements	S05-1223: Dynamic Vulcanisation of PP/EPDM blends: Effect of Crosslinking on Phase Inversion	S17-345: Applications of X-ray and neutron scattering to structure analyses of crystalline polymer under deformation Nozue Yoshinobu*; Sakurai Takashi; Kasahara Tatsuya; Yamaguchi Noboru; Kimata Shuichi	S08-679: Direct simulation of coextrusion instabilities	S02-146: Dual Electrode Mode Electro-spinning He Yadong*	S20-211: Polymer Stents with Shape Memory as Drug Delivery Systems
8.50 - 9.10	Filippone Giovanni*; Dintcheva Nadka Tzankova; Acierno Domenico; La Mantia Filippo Paolo	S19-654: Structure, deformation and failure of flow-oriented semi-crystalline polymers Schrauwen Bernard*; van Breemen Lambert; Spoelstra Anne; Govaert Leon; Peters Gerrit; Meijer Han	S06-1371: Investigation of the Effect of Formulation Ingredients on Rheological Properties of PVC Compounds using Taguchi Method o..... Moghri Mehdi*; Ghanbari Mohammad Reza; Saeb Mohammad Reza; Zare Yaser	Tatibouët Jacques*; Gendron Richard; Champagne Michel F.	Antunes Carla Melo; Gaspar-Cunha António; Machado Ana Vera*; van Duin Martin	S17-393: Quantum beam as a new methodology to study polymer crystallization under flow Kanaya Toshiji*	Agassant Jean-François*; Merveille Antoine; Laure Patrice; Mahdaoui Omar	S02-173: Rethinking the Mathematical Modeling of Film Blowing Vlachopoulos John*	Wagner Manfred H.*
9.10 - 9.30	S18-502: Self-Assembled Nanostructures in Copolymer Blends: SAXS, SANS and TEM Study HoloubekJaroslav*; BaldrianJosef; LednickýFrantisek; LalJyotsana	S19-968: A New Solid-State Constitutive Model for Melt-State Oriented Amorphous Polymer Products De Focatiis Davide*; Buckley C. Paul	S06-1226: Numerical and Experimental Study of Agglomerate Dispersion in Polymer Extrusion Domingues Natália; Gaspar-Cunha António; Covas José António; Camesasca Marco; Kaufman Miron; Manas-Zloczower Ica*	S15-1092: Characterisation of Low Density Polyethylene Foams Modified with Montmorillonite Brown Gordon*; Hornsby Peter; Witten N.; Jacobs P.	S05-1071: Preparation and Characterization of Silane Grafted Polyolefin Elastomers Wicaksono Reza*; Kummerloewe Claudia; Vennemann Nobert	S17-422: Synchrotron X-ray Scattering Studies on Crystallization with Ultra-high Molecular Weight Component under Shear Flow. Matsuba Go*	S08-1224: Evolution of part geometry and temperature during deposition of filaments in Free Form Extrusion Costa Sidonie Fernandes*; Duarte Fernando Moura; Covas José António	S02-395: Finite Element Analysis for PET Sheet Forming with a Rolling-Drawing Hybrid Method Yamada Toshiro*; Sudeji Hironari; Yamamoto Masakazu; Ogasawara Shigeru; Eguchi Hisashi	S20-841: Novel bottom up approach to the design of multifunctional scaffolds Luciani Alessia*; Guarino Vincenzo; Coccoli Valentina; Orsi Silvia; Netti Paolo
9.30 - 9.50	S18-1368: Structure and Physical-Properties of PA66/PA12 Nanocomposites Modesti Michele*	S19-285: Effect of molecular weight and distribution on hot tack strength of polystyrene Miyata Ken*; Kakuda Masaki; Takahashi Tatsuhiro; Sugimoto Masataka; Taniguchi Takashi; Koyama Kiyohito	S06-795: 3D Modeling of Mixing in Intermeshing Co-Rotating Twin-Screw Extruders Sarhangi Fard Arash*; Anderson Patrick D; Meijer Han E.H.; Famili Navid M.H.	S15-238: Novel cellular materials by foaming nanostructured blends and nano-reinforced polymers Ruckdaeschel Holger*; Gutmann Peter; Greiner Christian; Müller Axel H.E.; Altstädt Volker	S05-1342: New method for post-processing crosslinking reaction for Polyolefins based materials Flat Jean-Jacques*; Abbas Laurent; Bouquey Michel; Muller René	S17-622: Poly (methyl methacrylate) Formation and Patterning Initiated by Synchrotron X-ray Irradiation Wang Changhai*	S08-1170: A force field for layered silicates and simulation of interfaces with surfactants: Structure, surface energy, and phase Heinz Hendrik*	S02-403: Prediction of Internal Stresses during Film Winding Accompanied by Air-Entrainment Tosa Takahiro*; Yamada Toshiro; Umehara Kazuhiko; Tokunaga Hisatsugu	S20-843: A predictive model for time-dependent protein concentration profiles within single biodegradable PLGA microspheres Biondi Marco*; Mollica Francesco; Muzzi Sara; Ungaro Francesca; Quaglia Fabiana; La Rotonda Maria Immacolata; et. al.
9.50 - 10.10	S18-807: Preparation of Nanocomposites Based on PP and PA6 by Direct Injection Moulding Frache Alberto*; Monticelli Orietta; Ceccia Simona; Camino Giovanni; Casale Antonio	S19-1021: The Interlamellar Phase Controls the Stiffness of Semi-Crystalline Polymers	S06-443: A full 3D simulation for twin screw extrusion based on a fictitious domains method. Application to mixing elements	S15-492: Foaming behaviour of HMS –PP/Clay nanocomposites Sati Bhattacharya; Bhattacharya Subendu*; Gupta Rahul	S05-224: Reactions of grafted polypropylene at surfaces and interfaces during interface-reactive injection moulding Nagel Jürgen*; Bräuer Matthias; John Andreas; Hupfer Bernd; Lehmann Dieter	S17-279: Advanced Nanostructure Characterization of Polymeric Materials by Synchrotron X-Ray Scattering/Diffraction Techniques	S08-244: A Dispersed Melting Model with Consideration of the Solids Temperature Profile and its Experimental Verification Potente Helmut; Schöppner Volker; Kloke Philipp*; Thümen Anne	S02-234: Continuous Solution-Casting of Polymer Electrolyte Membranes and Effects of Casting Conditions on the Properties of the Membranes	S20-721: pH-sensitive Nanoparticles Formed by Interchain Hydrogen Bonding Konak Cestmir*; Sedlak Marian
10.10 - 10.30	S18-558: Influence of molecular weight on physical and mechanical properties of linear symmetric S-(S/B)-S triblock copolymers Thunga Mahendra*; Staudinger Ulrike; Satapathy Bhabani Kumar; Weidisch Roland; Knoll Konrad	Tucker Charles L.*; Pham Thu N.	S06-443: A full 3D simulation for twin screw extrusion based on a fictitious domains method. Application to mixing elements Vergnes Bruno*; Valette Rudy; Coupez Thierry	S15-365: Effects of Cold Crystallization on Cell Morphology in Microcellular Polyphenylene Sulfide Foam Itoh Masayasu; Kabumoto Akira; Ohshima Masahiro*	S05-615: Twin-Screw Reactive Extrusion to Prepare High-Performance Flame Retardant Polymer Composites Chen Yinghong; Wang Qi*; Liu Yuan	Hsiao Benjamin*	S08-607: On punsalting Flow of a complex liquid. (Bautista-Manero Model) Herrera Valencia Edtson Emilio*	Huang Jianhua; Lee Myoungbae; Baird Donald G*	S20-1210: On the release of active molecules from hydrogels based tablets Barba Anna A; Chirico Serena; d'Amore Matteo; Titomanlio Giuseppe; Lamberti Gaetano*
10.30 - 11.00	Coffee Break				Coffee Break				

June 18 (Wednesday)					June 18 (Wednesday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S11 Processing of Composites and Filled Systems	S19 Properties after Processing	S12 Elastomers & Elastomer Processing	S15 Foam Processing and Applications	S04 Blow and Rotational Molding and Thermoforming	S17 New Processes and Testing Technologies	S08 Modeling and Simulation	S01 Extrusion, Coating and Joining	S22 Polymers for Advanced Applications
Chair	Mohd Ishak	Gahleitner	Nazockdast	Iannace	Maffezzoli	Kanaya	Potente	Huneault	Cantoni
11.00 - 11.20	S11-460: Development and characterization of electrically conductive polymeric based blends for PEMFC bipolar plates	S19-1152: Processing of clay-based polypropylene nanocomposites by melt manipulation injection moulding for improved mechanical pe..... Bilewicz Marcin; Viana Júlio C.*	S12-1338: Mechanism of Fiber Formation in Melt Spinning of Polyether ester Elastomer Kitayama Masaya; Takarada Wataru; Ito Hiroshi; Kikutani Takeshi*	S15-915: Fabrication of porous 3-D structure from poly(L-lactide)-based nano-composite foam via enzymatic degradation Okamoto Masami*; Bitou Makoto	S04-743: 3D Finite Elements for the Prediction of Complex Distortions in the Extrusion Blow Moulding Process Debergue Patricia*; Laroche Denis; Azizeh-Mitra Yousefi; Di Raddo Robert; Haile Atsbha	S17-799: A new practical measurement apparatus for demoulding forces and coefficients of friction in injection molding Berger Gerald Roman*; Friesenbichler Walter; Schöfer Gerald; Freudenschuss Guenter	S08-125: Simulation of Poly-Tetra-Fluoro-Ethylene (PTFE) Paste in Contraction Flows Mitsoulis Evan*; Hatzikiriakos Savvas G	S01-1248: Viscoelasticity in Scale-Up of Extrusion Ahuja Suresh*	S22-619: Polymer Blend Membranes for Direct Methanol Fuel Cell Kim Sung Chul*
11.20 - 11.40		S19-1292: Processing of Polymer Nanocomposites Simon George Philip*	S12-151: Physical and tribological properties of the modified PTFE nanopowder filled EPDM Khan Mohammad Sohail*; Heinrich Gert; Lehmann Dieter; Franke Rainer			S17-812: A Novel Manufacturing Technology for Polymeric Thin-Walled Micro Components Frick Achim*; Martin Peter; Rochman Arif		S01-204: Flex Ring Pipe Dies open up new processing possibilities Gross Heinz Günter*	
11.40 - 12.00	S11-1083: Polymer-Graphite Nanocomposites: Effective Dispersion and Major Mechanical Property and Conductivity Enhancements via S..... Torkelson John M.*; Wakabayashi Katsuyuki; Pierre Cynthia; Brunner Philip J.; Hewlett Sheldon A.	S19-229: Effect of Carbon Nanotubes on the Properties of Films of Polypropylene Prepared by Film Blowing Iannace Francesca*; Acierno Domenico	S12-1143: Effect of recycled rubber and its concentration on the processing, properties and rheology of injection molded elastomer..... Kumar Arun*; Murphy Daniel; Barry Carol; Mead Joey	S15-1130: Mechanical Property Characterization of Highly Porous Injection-Molded Biodegradable Polymer Matrices Turng Lih-Sheng*; Kramschuster Adam	S04-1209: Material Models for the Thermoforming of Polypropylene Oconnor Ciaran Peter*	S17-1215: Polymer Plasticization using Supercritical CO2 Kusmanto Febe; Billham Mark; Hornsby Peter*	S08-1351: The Effect of Wall Slip in Contraction Flows Ferrás L; Carneiro O.S.; Pinho F.T.; Nóbrega J.M.*	S01-304: The Control of Extrudate Swell and Instabilities using the Rotating Roller Die Benkreira Hadj*	S22-1243: Surface energy of PP and LDPE composites filled with carbon black used for sensing purposes Kozlowski Marek*; Frackowiak Stanislaw; Szczurek Tomasz
12.00 - 12.20	S11-601: Processing and Characterization of Electrically Conductive In-Situ Microfibrillar Polymer Composites Yesil Sertan*; Koysuren Ozcan; Bayram Goknur	S19-911: Mechanical Properties of Silica/PMMA Micro Injection Moldings Hamada Hiroyuki*; Kobayashi Yuka; Yamada Kazushi; Leong Yew Wei; Watanabe Takuro; Suzuki Hajime; et. al.	S12-797: Rubber-Clay Nanocomposites. The control of nanostructures to steer material properties Galimberti Maurizio*; D'Oria Francesco; Giannini Luca; Lostritto Angela; Ponta Thomas; Senatore Stanislao; et. al.	S15-311: The Effect of Mold Temperature on Morphology, Tensile and Torsion Properties of Injection Molded HDPE Structural Foams Tovar Cisneros Carlos; Gonzalez Nunez Ruben; Rodrigue Denis*	S04-426: Rotational Moulded Polyamide 11: A Study on the Processing - Microstructure - Properties Relationship Oliveira Maria Jovita*; Cramez Maria Clara; Botelho Gabriela; Kearns Mark; Maziers Eric	S17-958: Intercomparison of thermal conductivity and thermal diffusivity Rides Martin*; Morikawa Junko; Hålldahl Lars; Hay Bruno; Lobo Hubert; Dawson Angela	S08-1399: The optimization of petaloid base dimensions for injection stretch blow moulded PET bottles. Demirel B.; Daver F.*; Kosior E.	S01-361: A Composite Computer Model for Counter-Rotating Twin Screw Extrusion Wilczy SkiKrzysztof*; Nastaj Andrzej	S22-1182: Thermally Induced Shape-Memory Effect of Peroxidic Cross-Linked Ethylene-1-Octene-Copolymers and in theirs Blends with H..... Kolesov Igor*; Radusch Hans-Joachim
12.20 - 12.40	S11-781: Processed biopolymer films filled with modified Montmorillonite for food packaging applications Jorda-Beneyto Maria*; Alonso Jose; Salas Jose; Gallur Miriam; Aucejo Susana		S17-338: Analytical Techniques Characterizing the Behavior of Polypropylene During Rotational Molding Leonforte Fabien*; Perez Michel; Lame Olivier	S22-1196: Development and characterization of novel nanocomposite membranes based on sulfonated poly(ether sulfone) for direct met..... Hasani-Sadrabadi Mohammad Mahdi*; Mokarram Dorri Nassir; Moaddel Homayoun					
12.40 - 13.00	S11-879: Fully Absorbable Orthopedic Composites via a Modified Pultrusion Process Sun Shih-Po; Shaw Montgomery T.*; Wei Mei; Olson James R.	S08-228: Radical-like polymer chain generation of nanostructured copolymers by coarse-grained Molecular Dynamics simulations Leonforte Fabien*; Perez Michel; Lame Olivier	S22-122: Conducting polymer composites reinforced E-glass fabric for the control of electromagnetic radiations Shivakumar Geetha*; Kondakannan Satheeshkumar; Dinesh Chandra Trivedi						
13.00 - 15.10	Lunch + Poster Session 2 (Area Panoramica) [S03+S16+S05+S07+S08+S09+S19+S13+S17]				Lunch + Poster Session 2 (Area Panoramica) [S03+S16+S05+S07+S08+S09+S19+S13+S17]				

June 18 (Wednesday)					June 18 (Wednesday)				
Plenary Talk (Auditorium Tafuri) Chair: Vlachopoulos					Plenary Talk (Auditorium Tafuri) Chair: Vlachopoulos				
15.10 - 16.00	PLE-1411: Processing Polyimide Composites: A Review Pater Ruth H.*				PLE-1411: Processing Polyimide Composites: A Review Pater Ruth H.*				
16.00 - 16.50	PLE-1408: Processing Controlled Polymorphism of Syndiotactic Polystyrene Guerra Gaetano*				PLE-1408: Processing Controlled Polymorphism of Syndiotactic Polystyrene Guerra Gaetano*				
16.50 - 17.20	Coffee Break				Coffee Break				
Plenary Talk (Auditorium Tafuri) Chair: Sung Chul Kim					Plenary Talk (Auditorium Tafuri) Chair: Sung Chul Kim				
17.20 - 18.10	Lam-1: Water Assisted Injection Molding of Themoplastic Materials Shih-Jung Liu*				Lam-1: Water Assisted Injection Molding of Themoplastic Materials Shih-Jung Liu*				
June 18 (Wednesday)					June 18 (Wednesday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S10 Polymer Alloys and Blends		S12 Elastomers & Elastomer Processing	S15 Foam Processing and Applications	S05 Thermosets and Reactive Processing	S13 Process Monitoring, Control & Sensors	S08 Modeling and Simulation	S19 Properties after Processing	S16 Precision Injection Molding, New Molding Technologies
Chair	Malinconico		Galimberti	Iannace	Xanthos	Yokoi	Potente	Ito	Pantani
18.10 - 18.30	S10-1181: Determination of SAN-g-PA 6 in ABS/PA 6 Alloys Martin Weber*; Staal Bastian		S12-1320: Extensional Flow Behavior of PP/EPDM Thermoplastic Vulcanizates Mills John Edward; Jayaraman Krishnamurthy*; Ellul Maria D	S15-269: Extruding PP foam sheets by means of a new blowing agent injection device Ederleh Lennart*; Michaeli Walter; Schumacher Holger	S05-1188: Biodegradable Materials by Reactive Extrusion Machado Ana Vera*; Moura Isabel; Duarte Fernando; Nogueira Regina; Bounor-Legare Véronique; Cassagnau Philippe	S13-452: Terahertz Spectroscopy – A New Tool for Monitoring Compounding Processes Hochrein Thomas; Krumbholz Norman*; Kretschmer Karsten; Bastian Martin; Koch Martin	S08-739: Numerical simulations of concentrated viscoelastic suspensions in an elongational flow D'Avino Gaetano*; Maffettone PierLuca; Hulsen Martien A; Peters Gerrit W.M.	S19-877: Nanoindentation as a method to characterize anisotropy of injection-moulded polypropylene (PP) Vite Marion*; Loubet Jean-Luc; Mélé Patrice; Bec Sandrine; Albérola Nicole D.	S16-1240: Frozen-in Birefringence, Anisotropic Shrinkage and Luminance in LGP Moldings: Simulation and Experiment Isayev Avraam I.*; Lin Tsui-Hsun; Kwon Keehae
18.30 - 18.50	S10-175: Thermomechanical and morphological investigation of iPP / SGFR (30 wt %) PA-66 Blends-composites using isotactic poly (propylene) – graft-maleic anhydride as compatibilizer Zitouni Safidine*; Said Fellahi; Hans Joachim Radosch; Djafar Benachour		S12-1383: Molecular Weight Reduction of Natural Rubber by Using Supercritical Carbon dioxide Areerat Surat*; Piyamanocha Pongpapaat; Pormsiri Sathakran	S15-770: Foam Extrusion and Dielectric Properties of Polyethylene Foams at medium and high frequencies Straat Martin Karl*; Boldizar Antal	S05-555: Influence of Additives on Injection Moulding Process of Wood/Melamine Resin Composites Nguyen Huong-Lan*; Dicke René; Müller Uwe; Endesfelder Andreas			S19-1370: The dynamics of ultra-thin polymer films D'Amore Alberto*; Grassia Luigi	S16-485: Correlation between flow-induced orientation and tensile strength of injection-molded polystyrene processed via dynamic Layser Gregory S.*; Coulter John P.

June 18 (Wednesday)					June 18 (Wednesday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S10 Polymer Alloys and Blends		S12 Elastomers & Elastomer Processing	S15 Foam Processing and Applications	S05 Thermosets and Reactive Processing	S13 Process Monitoring, Control & Sensors	S08 Modeling and Simulation	S19 Properties after Processing	S16 Precision Injection Molding, New Molding Technologies
Chair	Malinconico		Galimberti	Iannace	Xanthos	Yokoi	Potente	Ito	Pantani
18.50 - 19.10	S10-780: Morphology and Stress Relaxation Behaviour of Co-continuous PP/EPDM Blends Martin Grégory*; Barres Claire; Cassagnau Philippe; Garois Nicolas		S12-948: An Application of Non-linear Viscoelastic Model to Capillary Extrusion of Rubber Compounds Lyu Min-Young*; Choi Sung Hyun	S15-478: Visual Observation of Polymer Foaming in Mold Cavity during Core-back Type Physical Foam Injection Molding Process Ishikawa Takeshi*; Uchida Masaru; Nozawa Koutarou; Taki Kentaro; Ohshima Masahiro	S05-805: Structure and properties of poly(lactic acid) (PLA) based blends reactively compatibilized through free radical reaction..... Coltelli Maria-Beatrice; Bronco Simona*; Chinea Carlos; Signori Francesca; Ciardelli Francesco	S13-1332: Influence of extrusion conditions on the in-line measured electrical conductivity of polymer-multiwalled carbon nanotub..... Alig Ingo*; Lellinger Dirk; Engel Martin; Pötschke Petra	S08-590: Flow induced polymer crystallisation using concentrated suspension theory Boutaous Mhamed*; Nadia Brahmia; Matthieu Zinet; Bourgin Patrick; Zinet Matthieu	S19-716: Compounding and characterization of amorphous PET nanocomposites Greco Antonio; Strafella Alessandra; Maffezzoli Alfonso*	S16-456: New Developments in Micro Injection Moulding - Multi-Component Technology Prokop Juergen*
19.10 - 19.30						S13-783: Monitoring of the sample electrical conductivity during temperature cycling of polyethylene/CNT composites Neitzert Heinz Christoph*; Rainone Nicola Giovanni; Valentino Olga; Nobile Maria Rosella; Sarno Maria; Ciambelli Paolo			
20:00	Concerto of Jazz Orchestra University of Salerno and Poster Awards Cerimony (Teatro Verdi in Salerno)				Concerto of Jazz Orchestra University of Salerno and Poster Awards Cerimony (Teatro Verdi in Salerno)				
June 19 (Thursday)					June 19 (Thursday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S18 Nano-Structured Materials		S22 Polymers for Advanced Applications	S02 Films and Fibers	S05 Thermosets and Reactive Processing	S03 Injection Molding & Molds	S11 Processing of Composites and Filled Systems	S07 Rheology & Rheometry	S10 Polymer Alloys and Blends
Chair	Bhattacharya		Sung Chul Kim	Haudin	Weber	Rigdahl	Radusch	Bousmina	Malinconico
8.30 - 8.50	S18-914: Extensional melt flow of polypropylene-layered silicate nanocomposites with variations in coupling agent, loading and temperature Pathak Tanmay; Jayaraman Krishnamurthy*		S22-126: Development of Thermochromic Polymer Materials Seeboth Arno*; Mühling Olaf; Ruhmann Ralf; Löttsch Detlef	S02-355: The development of voidage and capillary size within extruded plastic films Medina D.I.*; Hallmark B.; Lord T.D.; Mackley M.R.	S05-1363: Synthesis of grafted copolymers of EVA with either poly(ε-caprolactone) or polybutylene terephthalate by reactive extrus..... Bounor-Legare Veronique*; Bahloul Walid; Valle Matthieu; Fenouillot Francoise; Cassagnau Philippe; Michel Alain	S03-1180: Multi-component injection moulding - Heat transfer, thermal extension and bonding strength Kuehnert Ines*; Schuck Marcus; Feulner Robert W.; Schmachtenberg Ernst; Thornagel Marco	S11-259: Deformation, Fracture, and Tribological Behavior of MoS2 Filled HMWPE Composites Churruca Maria Jose; Pettarin Valeria; Fasce Laura Alejandra; Frontini Patricia María*	S07-1120: Rheological behavior of polymer melts in equibiaxial elongational flow using a modified lubricated squeezing flow technique Medina-Guadarrama Terresita; Shiu Tai-Yi; Venerus David C.*	S10-1032: A Novel In-Situ Method to Measure Interfacial Tensions in Immiscible Polymer Blends Using Focused Ion Beam and Atomic Fo..... Virgilio Nick*; Desjardins Patrick; Lespérance Gilles; Favis Basil D.
8.50 - 9.10			S22-703: Molecularly Imprinted Polymers for the Separation of Bioactive Substances from Phytoextracts Sarbu Andrei*; Dobre Tanase; Beda Mariana; Dima Stefan Ovidiu; Radu Anita Laura; Stroescu Marta; et. al.		S05-205: The role of the interphase on the flow stability of Reactive Functionalized Multilayer Polymers in coextrusion process Maazouz Abderrahim*; Lamnawar Khalid		S11-158: Effect of organoclay modification on the mechanical, morphology, and thermal properties of injection molded polyamide 6/..... Mohdshak Zainal Arifin*; Kusmono; Chow Wen Shyang; Tsutomu Takeichi; Rochmadi		S10-171: Use of Lithium-Neutralized Ethylene/Methacrylic Acid Copolymer Ionomers as Blend Compatibilizers for Nylon 6 and Low-Den..... Sinthavathavorn Wachiraphon; Magaraphan Rathanawan*; Nithitanakul Manit; Grady Brain P

June 19 (Thursday)					June 19 (Thursday)				
Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope
Session	S18 Nano-Structured Materials		S22 Polymers for Advanced Applications	S02 Films and Fibers	S05 Thermosets and Reactive Processing	S03 Injection Molding & Molds	S11 Processing of Composites and Filled Systems	S07 Rheology & Rheometry	S10 Polymer Alloys and Blends
Chair	Bhattacharya		Sung Chul Kim	Haudin	Weber	Rigdahl	Radusch	Bousmina	Malinconico
9.10 - 9.30	S18-1294: Study of isothermal and non-isothermal elongational flow on new copolyamide based nanocomposites Garofalo Emilia*; Russo Giovanna Maria; Di Maio Luciano; Incarnato Loredana		S22-725: Ink-jet printing technique in Polymer/Carbon Black sensing device fabrication Loffredo Fausta*; De Girolamo Del Mauro Anna; Burrasca Gianbattista; Quercia Luigi; Di Francia Girolamo; Della Sala Dario	S02-1213: Enhanced Functionality in Textile Fibres Containing Nano-Fillers Hornsby Peter*; McConnell David; Douglas Paula	S05-273: The rod-coil block polyimide thermoplastic/ epoxy resin blend Yin Jie*	S03-319: Mold surface roughness and cavity filling of micro-injection molding Lam Yee Cheong*; Ong Nan Shing; Zhang Hong-Lin	S11-1127: Effects of Spherical Nanoparticles on the Impact Strength and Fracture Mechanisms of Melt Compounded Polycarbonate/Alumi..... Turng Lih-Sheng*; Chandra Alexander; Gopalan Padma	S07-331: IUPAC Guideline for rheological characterisation of polyamide melts Dijkstra Dirk J.*; Zoetelief Wim F.	S10-421: Crystallization of PBT/PET blends under low and high cooling rates: thermodynamics and kinetics considerations La Carrubba Vincenzo*; Piccarolo Stefano; Brucato Valerio
9.30 - 9.50	S18-453: Nano-structuration of thermoplastic segmented polyurethanes under shear flow. Mourier Elise*; Méchin Françoise; Fulchiron René		S22-186: Phase separation in Polyurethanes and Shape Memory phenomena Nemati Mirzaee Shahram; Mir Mohamad Sadeghi Gity*	S02-127: Analysis of the Mechanism of Pore Development in Cold Drawn Poly(ethylene terephthalate) Fibres. Buggy Martin*; Wallace Katherine; Sullivan Ann	S05-756: Polyurethane Reactive Processing : An Application on Reactive Rotational Moulding Viale Jeremy; Nony Fabien*; Mazabraud Philippe; Gérard Jean-François; Tcharkhtchi Abbas; Rocle Dominique	S03-184: Behaviour of a suspension crystallization model in tube flow Tanner Roger I*	S11-1233: Influence of clay and organoclay addition on the tensile properties and thermal aging of PP/sisal composites Braz Cristiano José Farias; Carvalho Laura Hecker*; Laursen Anderson	S07-819: Mechanical Instabilities in the Capillary Rheometry of Polymer Melts Nauelngo Friedrich Christian*	S10-918: Study on the Blends of Poly (lactic acid) with Thermoplastic acetylated starch blends Zhang Kunyu; Dong Lisong*
9.50 - 10.10	S18-335: Localization of Silica Nanoparticles in Immiscible Polymer Blends: Interface and Morphology Elias Lama*; Fenouillot Françoise; Majesté Jean-Charles; Cassagnau Philippe		S22-800: Development of novel polymer matrices for biotechnological hydrogen production Gomezd Ayala Giovanna*; Basile Maria Assunta; Cerruti Pierfrancesco; Gambacorta Agata; Laurienzo Paola; Malinconico Mario; et. al.	S02-190: Nano and Micro Fibers for Conductive and Piezoelectric Applications Ajji Abdellah*	S05-298: Test Reactions for Characterizing Concurrent Diffusion and Reaction in Molten Polymer Fenouillot Françoise*; Cassagnau Philippe; Falk Laurent; Bella Redha	S03-832: Numerical and experimental investigation of long glass fiber breakage in hot runner systems Cellere Alessandro*; Lucchetta Giovanni	S11-793: Self-Diagnosis Composite Material Properties for Civil Application Nanni Francesca*; Ruscito Giovanni; Travaglia Paolo; Madau Francesco; Gusmano Gualtiero	S07-955: Melt flow rate testing of moisture sensitive plastics Rides Martin*; Allen Crispin; Omlou Huub; Nakayama Kazuo	S10-713: Biomimetic polymers through functionalisation and blending Ciardelli Gianluca*; Gentile Piergiorgio; Sartori Susanna; Rechichi Alfonsina; Vozzi Giovanni; Chiono Valeria
10.10 - 10.30	S18-1111: Shape memory polymer nanocomposites Jana Sadhan C*; Gunes IS; Cao Feina			S02-376: Parameters affecting the microstructure development in PP/PA6/Organoclay nanocomposites based fibers Dini Maryam*; Naockdast Hossein		S07-784: Oscillatory shear rheology of iron silicone filled polypropylene composites Kirchberg Stefan*; Ziegmann Gerhard			
10.30 - 11.00	Coffee Break				Coffee Break				
June 19 (Thursday)					June 19 (Thursday)				
Plenary Talk (Auditorium Tafuri) Chair: Saha					Plenary Talk (Auditorium Tafuri) Chair: Saha				
11.00 - 11.50	PLE-1407: Bioplastics: State of the Art, Properties and Environmental Impact Bastioli Catia*				PLE-1407: Bioplastics: State of the Art, Properties and Environmental Impact Bastioli Catia*				
11.50 - 12.40	Lam-2: Length scales in mixing Patrick D. Anderson*				Lam-2: Length scales in mixing Patrick D. Anderson*				
12.40 - 14.50	Lunch + Poster Session 3 (Area Panoramica) [S01+S02+S04+S14+S15+S20+S21+S22]				Lunch + Poster Session 3 (Area Panoramica) [S01+S02+S04+S14+S15+S20+S21+S22]				

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Room	Tafuri A	Tafuri B	Amalfi	Atena	Furore	Positano	Leucosia	Ligea	Partenope	
Session	S18 Nano-Structured Materials		S22 Polymers for Advanced Applications	S02 Films and Fibers	S05 Thermosets and Reactive Processing		S10 Polymer Alloys and Blends	S14 Green Polymers, Reprocessing & Recycling	S09 Morphology and Structure Development	
Chair	Kenig		Kozlowski	Kamal	Cassagnau		Manas-Zloczower	Vazquez	Cakmak	
14.50 - 15.10	S18-1109: Reinforcement of polyolefins by bottom-up self-assembly of nanoparticles Jana Sadhan C*; Lee Byoung J		S22-201: Borstar heterophasic polypropylene for the molding and automotive market Posch Werner*	S02-1244: Processing/Structure/Properties relationships in Polyethylene Blown Films	S05-214: Nanostructured Thermosets Based on the Self Assembly of Block Copolymers: Control of Processing and Properties Pascault Jean-Pierre*		S10-1253: Parameters affecting the morphology and microstructure development of PA6/PE/organoclay nanocomposites Khoshkava Vahid; Nazockdast Hossein*	S14-837: Characterization and Biodegradability of Biodegradable Polymer-Wood Flour Composites	S09-1033: Flow-induced crystallization of polymers: Saturation in nucleation Housmans Jan-Willem*; Steenbakkers Rudi J.A.; Peters Gerrit W.M.	
15.10 - 15.30	S18-561: Template Synthesis of Hybrid Silica and Titania Nanocomposites on Biopolymers Shchipunov Yury*		S22-418: Inorganic-organic hybrid polymers modified with anatase nanoparticles employed for preparation of self-cleaning textiles Textor Torsten*; Schröter Frank; Schollmeyer Eckhard		S05-233: In Situ Production of Polyamid 6 / Layered Silicate Nanocompounds Ederleh Lennart*; Rothe Bernd; Michaeli Walter		S10-135: A New Class of Selectively Crosslinked Polyolefin Blends Gahleitner Markus*; Machl Doris; Pham Tung		S09-442: Squeeze Flow Induced Crystallization of Isotactic Polypropylene. Fulchiron René*; Cascone Annarita; Chan Seng William; Montrocher Rémy	
15.30 - 15.50	S18-885: Polymer Nanocomposites with 1D Titanate Nanostructures Florjancic Urska*; Zupancic Barbara; Huskic Miroslav; Umek Polona; Arcon Denis; Emri Igor			S02-1041: Effect of Blown Film Processing Conditions on Crystalline Orientation and Barrier Properties in Octene LLDPE and HDPE fi..... Ward Daniel*	S05-610: Reactive Plasticizers As Processing Aids For Thermoplastic Nanocomposites Cook Wayne D*; Liang George G; Sautereau Henry J; Tcharkhtchi Abbas		S10-445: Development of New Polypropylene Based Blends for Laser Sintering Fiedler Lothar*; Haehndel Andreas; Wutzler André; Gerken Joerg; Radosch Hans-Joachim	S14-358: Water Vapours Absorption on the Chitin-Containing Materials Ugrozov V.V.*; Artamonova S.D.; Sharnina F.F.; Kataeva L.I.	S09-468: Flow-Induced Crystallisation of Polyethylene and Polypropylene Melts Scelsi Lino*	
15.50 - 16.10	S18-840: Essential Oils in Nanocomposite Polymer Films for Active Packaging Ambrogi Veronica*; Persico Paola; Cerruti Pierfrancesco; Mauriello Gianluigi; Carfagna Cosimo			S02-326: Influence of Thermo-Mechanical History on Adhesion in Multilayered Blown Films Devisme Samuel*; Devaux Nicolas; Laffargue Johann; Rauline Damien	S05-668: Recent Developments on Electron Beam Curing of Carbon Fibre / Epoxy Composites		S10-1064: Study of morphology, thermal and tensile properties in ternary blends of low density polyethylene (LDPE), high density p..... Medina Perilla Jorge Alberto*; Martínez Baquero Ana Lienerh	S14-1308: Production and Characterization of Biodegradable Polymer Based Nanocomposites Terenzi Andrea*; Iannoni Antonio; Jimenez Alfonso; Kenny José Maria	S09-777: Specific mechanical work as universal parameter for the formation of shish-kebab structure? Baert Jimmy*; Van Puyvelde Peter	
16.10 - 16.30	S18-435: Rheology and crystallization of multi-walled carbon nanotubes polymer composites Somma Elvira*; Valentino Olga; Nobile Maria Rossella; Simon George P.			S02-634: Analysis of Free Surface Flow in Extrusion Film Casting Using Experiments and Simulations Pol Harshawardhan V*; Lele Ashish K; GanvirVivekN; GauthamBP			S10-195: Thermoplastic Polyolefin Nanocomposites for Automotive Applications Wolff Fabris Felipe*; Altstädt Volker	S14-260: Compatibilized Poly (lactic acid)/Thermoplastic Pulse Starch Blends with Nanoclay Hrymak Andrew N*; Bai Yu Qing; Liu Qiang	S09-1046: Saturation of flow effects on spherulitic and oriented crystallization	
16.30 - 16.50	S18-155: Thermal properties of HDPE/EVA/POSS nanocomposites Oliveira Ricardo Vinicius Bof*; Scapini Patricia; Mauler Raquel Santos; Canto Leonardo Bresciani						S10-195: Thermoplastic Polyolefin Nanocomposites for Automotive Applications Paul Donald R.*; Kim Do Hoon; Rodgers William R.; Fasulo Paula D.	S14-593: The Effect of Compatibilization on the Properties of Ultrafine Scrap Tire Rubber and Recycled Thermoplastic Blends Mead Joey*; Wei Ming; Murphy Daniel; Cialone Anthony; Grubb Michael	Steenbakkers Rudi J.A.*; Peters Gerrit W.M.; Meijer Han E.H.	
17:00	Conference Closing					Conference Closing				