

Time Table with LogIn links to The sections

		Dec. 23, Track 1		Dec. 23, Track 2		
9:00-9:20	Opening Address	Prof. M.M.Shokrieh (IUST-Tehran-Iran), Prof. B.Pourabbas (SUT, Tabriz-Iran), Prof. Varvani (RU, Toronto-Canada)				http://ac1.vuniv.ir/opening/
		Chair Person: Prof. Mostafa Rezaei				
9:30-10:30	Planery Talk	<p style="text-align: center;">Prof. Chul B Park</p> <p style="text-align: center;">Nano-Fibril Technology for Superior Mechanical Properties and Foaming Ability,</p> <p style="text-align: center;">Department of Mechanical & Industrial Engineering, University of Toronto, Toronto-Canada</p>				
		Chair Person: Prof. H. Roghani		Chair Person: Prof. Mehdi Salami K.		
10:30 - 10:50	Invited Talk	<p>A-10-1655 -4</p> <p>Characterization of Poly Lactic Acid (PLA)/Poly Caprolactone (PCL)/Thermoplastic Polyurethane (TPU) Shape Memory Alloys Processed by Two Roller Calendering</p> <p>Karevan, M., Saeidi, S., Akbari Dastgerdi, A., Farzin, M Isfahan University of Technology. Isfahan-Iran</p>	http://ac1.vuniv.ir/d1s11/	<p>Invited Talk</p> <p>A-10-1724 -1</p> <p>Preparation of Polymer Nanocomposites Containing Multiwall Carbon Nanotubes Functionalized by Plasm</p> <p>Fathollah Pourfayaz, University of Tehran, Tehran-Iran</p>	http://ac1.vuniv.ir/d1s21/	
10:50 - 11:10	Invited Talk	<p>A-10-1715 -1</p> <p>Preparation and Characterization of Extrusion Injection Molded Bio-based Poly lactic Acid (PLA)/Thermoplastic Polyurethane (TPU)/Ethylene Vinyl Acetate (EVA) Polymer Blend</p> <p>hadi zabihi, Mehdi karevan, Alireza shahidi, Isfahan University of Technology, Isfahan , Iran</p>		<p>Invited Talk</p> <p>A-10-1722 -1</p> <p>Poly (Methylmethacrylate) /Poly (Lactic acid) /Cellulose Nanocrystals Packaging Film. Part I: CNC Surface Modification, Nanocomposite Preparation and Characterization</p> <p>Mohammad Azadfallah, Milad Parhizgar, Alireza Kaboorani, Natural Resources Faculty, University of Tehran, Tehran-Iran</p>		
10:50 - 11:10	Invited Talk	<p>A-10-1718 -1</p> <p>Study of Composites of Chitosan and its Significant Applications - A Review</p> <p>Aruna M Sudame, Kamalakar Nandekar, Mehdi Salami-Kalajahi, Ekta Raut, G H Raisoni college of Engineering ,Nagpur ,India</p>		<p>Invited Talk</p> <p>A-10-1706 -1</p> <p>Scaffolds Prepared by Nanocomposites of Polyaniline and Poly(2-hydroxy ethyl methacrylate)-co-Poly(N-isopropylacrylamide)-co-Poly(ε-caprolactone) Terpolymers</p> <p>Saleheh Abbaspoor, Damghan University, Damghan, Iran</p>		

Dec. 23, Track 1			Dec. 23, Track 2			
Chair Person: Prof. B. Pourabbas			Chair Person: Prof. M.M. Shokrieh			
11:00-12:00	<i>Keynote Address</i>		The composites research laboratory (CRL) at a glance Iran University of Science and Technology-Tehran-Iran			
Break						
Chair Person: Prof. Saeid Talebi			Chair Person: Dr. K. Jalili			
14:00-14:20	<i>Invited Talk</i>	A-10-16 48-2	http://ac1.vuniv.ir/d1s12/	14:00-14:20	<i>Invited Talk</i>	A-10-16 25-2
The impact of wrinkle behavior on the Poisson's ratio of woven composites: Geometrical study Ali Haji-Badali, University of Bonab, Bonab 5551761167, Iran				Microstructure and Mechanical Properties of St-MMA Copolymer/Silica Nanocomposite Foams Prepared Using a High Pressure Supercritical CO2 System Mostafa Rezaei, Ehsan Salari, Davoud Jahani, Sahand University of Technology		
14:20-14:35	<i>Online Talk</i>	A-10-16 90-1		14:00-14:35	<i>Online Talk</i>	A-10-17 08-1
Magnetically Decorated Halloysite Nanotubes: The Halloysite Mass Content Assessment in Nanocomposite Sahar Foroughirad, Vahid Haddadi-Asl, Alireza Khosravi, Mehdi Salami-Kalajahi, Amirkabir University of Technology, Tehran, Iran.			Effect of carbon black and silica fume on mechanical and thermal properties of high-density polyethylene films used for water transport pipes Seyed Arvin Abtahi, Mehdi Karevan, Mahmoud Farzin, Isfahan University of Technology, Isfahan-Iran			
14:35-14:50	<i>Online Talk</i>	A-10-16 41-1	http://ac1.vuniv.ir/d1s22/	14:35-14:50	<i>Online Talk</i>	A-10-16 90-2
The bubble nucleation and growth of supercritical CO2 in Polymethylmethacrylate (PMMA) via visual observation apparatus Hamidreza Azimi, Davoud Jahani, AzarbaijanShahid Madani University , Tabriz-Iran				Novel Magnetic Halloysite based-Molecularly Imprinted Polymer for Sunset Yellow Removal from Aqueous Solutions Sahar Foroughirad, Vahid Haddadi-Asl, Alireza Khosravi, Mehdi Salami-Kalajahi, Amirkabir University of Technology, Tehran, Iran.		
Chair Person: Prof. M. Rezaei						
15:00-15:30	<i>Keynote Address</i>		Prof. F. Abbasi Research and Product Development for Biomedical Applications at Institute of Polymeric Materials Sahand University of Technology-Tabriz-Iran			

<http://ac1.vuniv.ir/knt1/>

<http://ac1.vuniv.ir/d1s22/>

<http://ac1.vuniv.ir/pt11/>

Dec. 23, Track 1				Dec. 23, Track 2			
Chair Person: Dr. M. Nasiri				Chair Person: Dr. Rezvani Moghadam			
15:40-16:00	Invited Talk	A-10-1646-2	<p>Fracture Mode of Opening for Annular Crack in Anisotropic Composites</p> <p>Dr Ali Khojasteh, Mr Yaser Zafari, University of Tehran, Tehran-Iran</p>	Invited Talk	A-10-1687-1	<p>Poly(amidoamine) dendrimer-grafted carbon nanotube and polyurethane composites</p> <p>Hossein Roghani-Mamaqani, Sahand University of Technology, Tabriz-Iran</p>	
16:00-16:15	OnLine Talk	A-10-1668-1	<p>Preparation of Novel Thermoplastic Polyurethane Elastomers (TPU)/Terpolyamide Poly-Blends as a Composite Matrix</p> <p>Milad Alizadeh Sooreh, Milad Saadat Tagharoodi, Mohammad Khabiri, Mahmoud Razavizadeh, Mohammad Reza Pourhossaini, Malek Ashtar University of Technology, Tehran-Iran</p>	OnLine Talk	A-10-1681-1	<p>Processability and Mechanical Response of Biodegradable Thermoplastic starch (TPS)/Poly Lactic Acid (PLA)/Corn Starch Thermoplastic filaments Reinforced with Nanoclay Used in 3D printing Technology</p> <p>Hossein Mahani, Mehdi Karevan, Mohsen Safavi, Isfahan University of Technology, Isfahan-Iran</p>	http://ac1.vuniv.ir/d1s23/
16:15-16:30	OnLine Talk	A-10-1626-1	<p>Effects of different porosity volume fractions on the mechanical properties and global orthotropic behavior of gelatin closed-cell bio-foams</p> <p>Ali Khalvandi, Mohammad M.Aghdam, Saeed Saber-Samandari, Amirkabir University of Technology, Tehran- Iran</p>	OnLine Talk	A-10-1663-1	<p>Application of polypyrrole/hydroxyapatite bilayer coatings on stainless steel (316L) using electrodeposition method</p> <p>Sadaf Mohandesnezhad, Mohammadreza Etminanfar, Soheil Mahdavi, Sahand University of Technology, Tabriz, Iran</p>	http://ac1.vuniv.ir/d1s23/
16:30-16:45	OnLine Talk	A-10-1717-2	<p>Effect of Chemical Structure of Epoxy Resin on Mechanical Properties of Cured Resin and its Composite</p> <p>Zahra Hosseinkhani, Iraj Amiri, Mehrzad Mortezaei, Malek Ashtar University of Technology, Tehran-Iran</p>			<p>Void</p>	

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		Dec. 24, Track 1			Dec. 24, Track 2
		Chair Person: Prof. M.M. Shokrieh			
9:00-9:45	<i>Planery Talk</i>	Prof. Mehdi Hojjati Composite Manufacturing: Automation and Composite 4.0 University of Montreal (Concordia University) Department of Mechanical, Industrial and Aerospace Engineering			
http://ac1.vuniv.ir/pt21/					
9:45-10:15	<i>Keynote address</i>	Prof. Z. Ranjbar Nano composite polyurethane coatings with improved edge protection properties Institute for Color Science and Technology-Tehran-Iran			
		Chair Person: Prof. F. Abbasi		Chair Person: Dr. M. Ghasemi	
10:15 - 10:35	<i>Invited Talk</i>	A-10-1671-1	Improved Aromatic-Hydrocarbon Liquid Permeability of Thermoplastic Polyurethane/Closite-30B Nanocomposites through Preferential Clay Intercalation Behavior	<i>Invited Talk</i>	A-10-1660-1
		Milad Saadat Tagharoodi, Mohammad Khabiri, Amir Hossein Manzari Shahrjerdi, Mahmoud Razavizadeh, Mohammad Reza Pourhossaini, Malek Ashtar University of Technology, Tehran-Iran		Mr Hadi Tabani, Shahid Beheshti University, Tehran-Iran	
10:35 - 10:55	<i>Invited Talk</i>	A-10-1631-1	Improved mechanical and biological properties of biodegradable composites based on bioactive glass and tragacanth	<i>Invited Talk</i>	A-10-1653-1
		http://ac1.vuniv.ir/d2s11/ Shokoufeh Borhan, Buein Zahra Technical University, Buein Zahra, Qazvin, Iran		Ali Ziaei-Asl, Azarbaijan Shahid Madani University, Tabriz, Iran	
10:55 - 11:15	<i>Invited Talk</i>	A-10-1655-3	Mechanical Properties of Hollow Glass Microspheres (HGMS) Reinforced Polystyrene Based Thermosetting Micro-composites	<i>Invited Talk</i>	A-10-1693-1
		Karevan, M., Akbari Dastgerdi, A, Fatahi, F Isfahan University of Technology, Isfahan-Iran		M.saleh Rezakhani nezhad, Dariush Afzali, Atena Naeimi, Fariba Fathi rad, Graduate University of Advanced Technology, Kerman, Iran	
http://ac1.vuniv.ir/d2s21/					

Chair Person: Prof. B. Pourabbas

11:30
-
12:00

*Keynote
Address*

Dr. S. Kazemirad

Lamb wave propagation for nondestructive evaluation of composite materials

Iran University of Science And Technology, Tehran-Iran

<http://ac1.vuniv.ir/pt22/>

12:00
-
12:30

*KeyNote
Address*

Prof. Salami Kaljahi

Epoxidized polysulfide polymers/graphene nanocomposites as new generation of adhesives

Sahand University of Technology-Tabri-Iran

Break

Chair Person: Prof. M. Rezaei

14:00
-
14:45

*Planery
Talk*

Dr. Mohammad Fotouhi:

High performance composite materials

University of Glasgow, Glasgow-UK

<http://ac1.vuniv.ir/pt23/>

			Dec. 24, Track 1		Dec. 24, Track 2			
			Chair Person: Prof. S. Talebi		Chair Person: Dr. M. Karevan			
14:45-15:00	OnLine Talk	A-10-1579-16	A brief introduction to the auxetic materials	http://ac1.vuniv.ir/d2s2/	OnLine Talk	A-10-1637-1	Study of the influence of non-symmetric geometry of convex curved ENF specimen on delamination of a composite material in mode II	http://ac1.vuniv.ir/d2s2/
			Mahmood M. Shokrieh, Sina Farahifar, Iran University of Science and Technology, Tehran-Iran				MohammadReza Khoshravaan Azar, Mr. Nima Annabi Milani, University of Tabriz, Tabriz-Iran	
15:00-15:15	OnLine Talk	A-10-1692-1	The influence of inorganic Nano fillers on the mechanical properties and diffusion ratio of Ethylene propylene diene monomer		OnLine Talk	A-10-1599-2	Numerical Analysis of the Deformation Behavior of Auxetic Metamaterials plate	
			Mahnoosh Ahmadi, Mahmoud Razavizadeh, Mohammadreza Pourhosseini, Mohsen Ghaderi Darbaghi, Malek Ashtar University of Technology, Tehran-Iran				Mohammad Javad Khoshgoftar, Mr. Yasin Shabani, Arak University, Arak-Iran	
15:15-15:30	OnLine Talk	A-10-1711-1	Super toughening of PLA through blending with SEBS and Nano-clay		OnLine Talk	A-10-1666-1	Post-Buckling analysis of cracked AFG beams under compressive uniaxial load	
			Amirhossein Arjmandfard, Amirhossein Karimi, Hossein Nazockdast, Amirkabir University of Technology, Tehran-Iran				EmadAldin Sh.KhoramNejad, Shapour Moradi, Mohammad Shishesaz, Shahid Chamran University of Ahvaz, Ahvaz-Iran	
15:30-15:45	OnLine Talk	A-10-1647-1	Stress Based Criteria for Mixed Mode (I/II) Fracture of Composites: Micro Modeling Assessment	OnLine Talk	A-10-1654-2	Buckling and Post-Buckling Behavior of Tubular Columns Made of Shape Memory Alloys		
			Shahab Zare Hossein Abadi, *Nabi Mehri Khansari Sahand University of Technology, Tabriz-Iran			Sara Golbabapour, Mohammad Zaman Kabir Amirkabir University of Technology, Tehran-Iran		
15:45-16:00	OnLine Talk	A-10-1579-14	The optimum weight percentage of nanoparticles to prevent surface cracks in silicone rubber nanocomposite coating	OnLine Talk	A-10-1579-20	Computational Study for Delamination Detection in Fiber-Metal Laminates Using Lamb Wave Propagation		
			Mahmood M. Shokrieh, Mr. Mohammad Hossein Mokhtari, Iran University of Science and Technology, Tehran-Iran			Atefeh Fattahi, Mahmood M. Shokrieh, Siavash Kazemirad Iran University of Science and Technology, Tehran-Iran		

		Dec. 24, Track 1				Dec. 24, Track 2		
		Chair Person: Dr. M. Nasiri				Chair Person: Dr. K. Jalili		
16:15-16:30	<i>Online Talk</i>	A-10-1658-1	<p>Experimental Investigation of the Cooling Rate Effect on Final Shape of Asymmetric Composite Laminates</p> <p>Mohsen Mobarakian, Majid Safarabadi Farahani, MohammadReza Farahani, University of Tehran, Tehran-Iran</p>	http://ac1.vuniv.ir/d2s13/	<i>Online Talk</i>	A-10-1649-1	<p>Dynamic Mechanical and Transport Properties of Thermoplastic Polyurethane Nanocomposites</p> <p>Javad Rezaali, Mahmoud Razavizadeh, Mohammadreza Pourhossaini, Mohammad Khabiri, Milad Saadat Tagharoodi, Malek Ashtar University of Technology, Tehran-Iran</p>	http://ac1.vuniv.ir/d2s23/
16:30-16:45	<i>Online Talk</i>	A-10-1691-1	<p>CST modeling of Multilayer Polymeric Composites for Designing of Electromagnetic Absorber</p> <p>Reza Boudaghi, Mohammad Reza Poor Hosseini, Hamid Reza Bahari, Elahe Shafee, Malek Ashtar University, Tehran-Iran</p>		<i>Online Talk</i>	A-10-1716-1	<p>Halloysite, a Dual Charge Nanotube, Effect on Polypropylene Nanocomposites Preparation via In situ Polymerization using Ziegler-Natta Catalyst</p> <p>Pegah Sheikh, Vahid Haddadi, Pouya Jafari, Zahra Balzade, Amirkabir University of Technology, Tehran-Iran</p>	
16:45-17:00			Void		<i>Online Talk</i>	A-10-1625-3	<p>Chemical characteristics and mechanical properties of thermoplastic polyurethane nanocomposites containing organoclay and POSS nanoparticles</p> <p>Mostafa Rezaei, Elahee Mehrbakhsh, Ahmadreza Tabbakhi Mameghani, Sahand University of Technology, Tabriz-Iran</p>	
Chaired By: Conference Chairmen								
17:15-17:30	<i>Closing Comments</i>	Closing Comments, Conference Chairs, Comments from Audiences						http://ac1.vuniv.ir/closing/