



# Conference Programme

September 25-28 2018, Chengdu, China

Conference Venue: Multifunctional Meeting Room, Kehuayuan Hotel  
科华苑宾馆多功能会议室（宾馆后侧二楼）



<b>25 Sept</b>				
<b>Registration (Cynn Hotel)</b>		14:00-24:00		
<b>26 Sept</b>				
<b>Registration (Kehuayuan Hotel)</b>		7:30-8:30		
<b>Conference Opening</b>		8:30-8:50 Address by Professor Guangxian Li Address by Leader of Sichuan University Address by Leader of Department of S & T of Sichuan Province		
<b>A</b>	<i>Chair: Guangxian Li, Luigi Ambrosio</i>			
	<b>Plenary</b>	Chul B. Park	8:50-9:25	Advantage of Using Nanofibril Reinforcement for PLA Foaming
	<b>Plenary</b>	Qi Wang	9:25-10:00	Poly(vinyl alcohol) Based Functional Foams Prepared by Thermal Foaming
<i>Coffee break &amp; Photo</i>		10:00-10:20		
<i>Chair: Chul B. Park, Qi Wang</i>				
<b>Plenary</b>	Luigi Ambrosio	10:20-10:55	Advanced Polymer Based Scaffolds for Tissue Engineering	
<b>Plenary</b>	Salvatore Iannace	10:55-11:30	Structural and Functional Properties of Multicomponent Biobased Foams	
<b>Plenary</b>	Costas Panayiotou	11:30-12:05	Polymer Foaming with Supercritical Fluids: Thermodynamic Aspects	
<i>Lunch</i>		12:05-13:20	Place: 7 <sup>th</sup> Floor, Kehuayuan Hotel	

Biomedical foams	<i>Chair: Salvatore Iannace, Aleksander Prociak</i>			
	Keynote	Ling Zhao	13:30-13:55	Polyglycolic Acid and Its Composite Scaffolds Fabricated by Supercritical CO <sub>2</sub> Foaming for Tissue Engineering
	Keynote	Qian Li	13:55-14:20	Fabrication of Highly Interconnected Poly(caprolactone) Porous Scaffolds and Tissue Engineering Applications
	Keynote	Jie Weng	14:20-14:45	Angiogenesis and Osteogenesis of Bioceramic Scaffolds Regulated by Their Porous Structures
	Oral	Evgeni Ivanov	14:45-15:05	Electrical and Thermal Properties of Mono and Bi-filler PLA Composites Filled with Graphene and MWCNT
	Oral	Zhanhua Wang	15:05-15:25	Silicone Rubber Foam for Wound Dressing
<i>Coffee break</i>			15:25-15:45	
Biodegradable and sustainable foams	<i>Chair: Ling Zhao, Jie Weng</i>			
	Keynote	Aleksander Prociak	15:45-16:10	Effect of Bio-polyols and Bio-fillers on Foaming Process and Properties of Polyurethane Foams
	Keynote	Wentao Zhai	16:10-16:35	Fabrication of PLA Foam with High Crystallinity and the Improved Heat Resistance
	Keynote	Maria Grazia Raucci	16:35-17:00	Composite Aerogel Microspheres with Enhanced Bioactivity
	Oral	Mandar Badve	17:00-17:20	Foam Flow Phenomena in Narrow Channels with Converging-Expanding Constrictions
	Oral	Xuetao Shi	17:20-17:40	Influence of PLA Stereocomplex Crystal on the PLA-based Blend and Its Microcellular Foam
<i>Banquet</i>			18:00	Place: Hexi Restaurant (和席酒家), 153 Kehua North Road
<b>27 Sept</b>				
Advance in foaming	<i>Chair: Hanxiong Huang, Long Wang</i>			

	Keynote	Wenge Zheng	8:30-8:55	Flame-retardant PP Foams Using CO <sub>2</sub> Extrusion Foaming
	Keynote	Guilong Wang	8:55-9:20	High-performance PLA and Its Foams Enabled by Carbon Dioxide Treatment and Foaming
	Oral	Maria Kurańska	9:20-9:40	Hydroxyl Derivatives Based on Used Cooking Oils as Component for Synthesis Open Cell Rigid Polyurethane Foams
	Oral	Zhonglei Ma	9:40-10:00	Lightweight, Compressible and Electrically Conductive Foams Coated with Synergistic Multiwalled Carbon Nanotubes and Graphene for Piezoresistive Sensors
<i>Coffee break</i>			10:00-10:20	
Biodegradable and sustainable foams	<i>Chair: Wenge Zheng, Guilong Wang</i>			
	Keynote	Hanxiong Huang	10:20-10:45	Biodegradable PLA-based Blend Foams for Oil-water Separation
	Keynote	Jianshu Li	10:45-11:10	Bioinspired Materials for Hard Tissue Repair: from Fundamental Research to Industrialization
	Oral	Martina Salzano de Luna	11:10-11:30	Optimization of the Performances of Chitosan/Graphene Oxide Aerogels for Water Purification
	Oral	Xiaofeng Wang	11:30-11:50	Preparation of Highly Porous Interconnected Poly( $\epsilon$ -caprolactone) Scaffolds Combined with Supercritical CO <sub>2</sub> Foaming and Polymer Leaching
<i>Lunch</i>			12:05-13:20	Place: 7 <sup>th</sup> Floor, Kehuayuan Hotel
Bio-matrices and food	<i>Chair: Costas Panayiotou, Sheng Zhang</i>			
	Keynote	Marino Lavorgna	13:30-13:55	On the Embedding of RGO/Chitosan Aerogel in Open Cell Polyurethane Foams and Their Piezoresistive Properties
	Keynote	Long Wang	13:55-14:20	A Novel Low-pressure Foam Injection Molding Technology Using Different Type of Foaming Agents
	Oral	Tim Thysens	14:20-14:40	Bioproduction of Class II Hydrophobins Exhibiting Excellent Foam Stability

	Oral	Jeroen Vereman	14:40-15:00	Extraction and Spray Drying of HFBI Produced by Trichoderma Reesei
	Oral	Pengjian Gong	15:00-15:20	Nanocomposite Foams Thermal Insulation Performance, Nanoparticles' Connection and the Three-Dimensional Foam Structure
<i>Coffee break</i>			15:20-15:40	
Bio-matrices	<i>Chair: Marino Lavorgna, Wentao Zhai</i>			
	Keynote	Sheng Zhang	15:40-16:05	Cyclodextrin-based Metal Organic Framework for Gaseous Messages Delivery
	Keynote	Xia Liao	16:05-16:30	Manipulation of Foam Structures Based on CO <sub>2</sub> -induced Changes in PLA Fundamental Properties
	Oral	Maria Grazia Raucci	16:30-16:50	Hyaluronic Acid-based Composite Hydrogels for Tissue Engineering
	Oral	Polya Angelova	16:50-17:10	Influence of Carbon Nanotubes and Graphene in PLA Nanocomposites on Thermal and Electromagnetic Properties
<b>Conference Closing</b>				
<b>28 Sept</b>				
<b>Social Event:</b> <i>Visit to National Technology Transfer Southwest Center and Tianfu New Area</i>			9:00-12:00	