International Symposium on Polymer Physics

PP'2010, Ji'nan

Shandong Hotel, Ji'nan, China

June 6-10, 2010

PROGRAM

Organized by

State Key Laboratory of Polymer Physics and Chemistry, China

University of Massachusetts, USA

MPI for Polymer Research, Germany

Hokkaido University, Japan

Sponsored by

The National Natural Science Foundation of China

The Chinese Academy of Sciences (CAS)

Institute of Chemistry, CAS

Changchun Institute of Applied Chemistry, CAS

Polymer Division, Chinese Chemical Society

Shandong University

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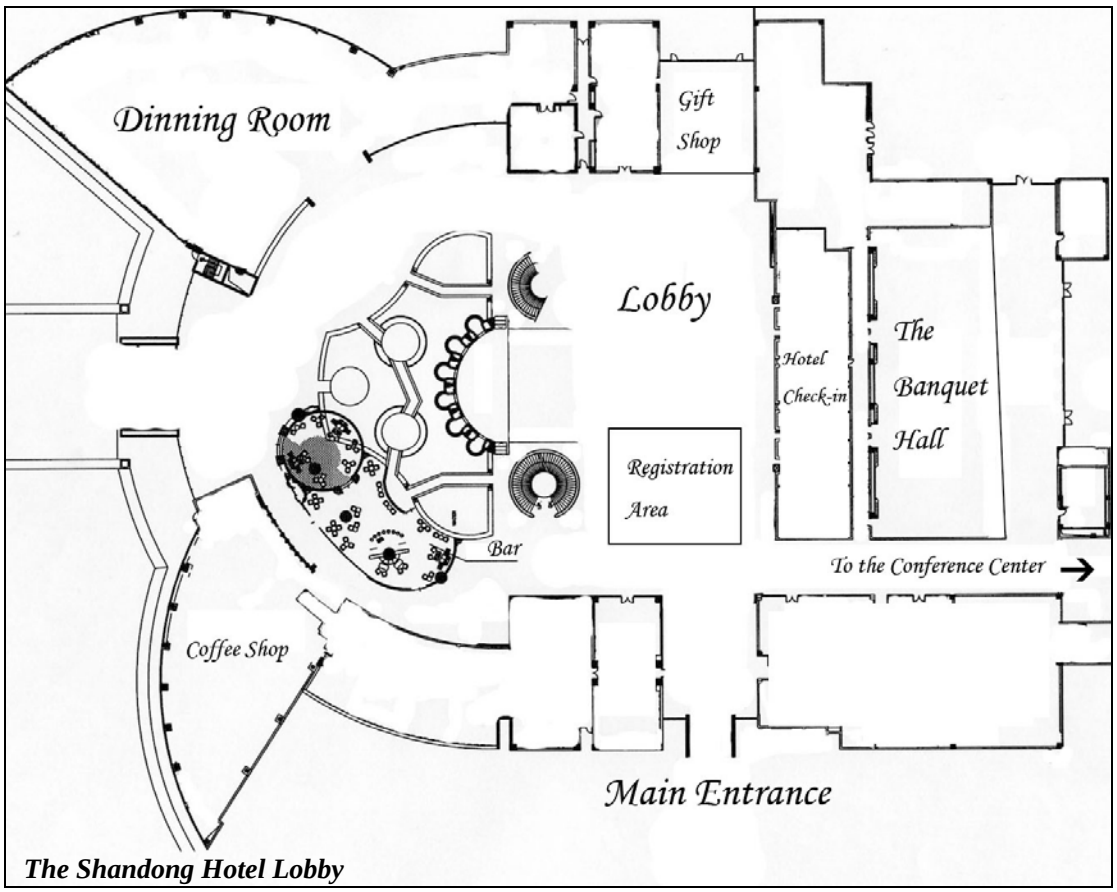
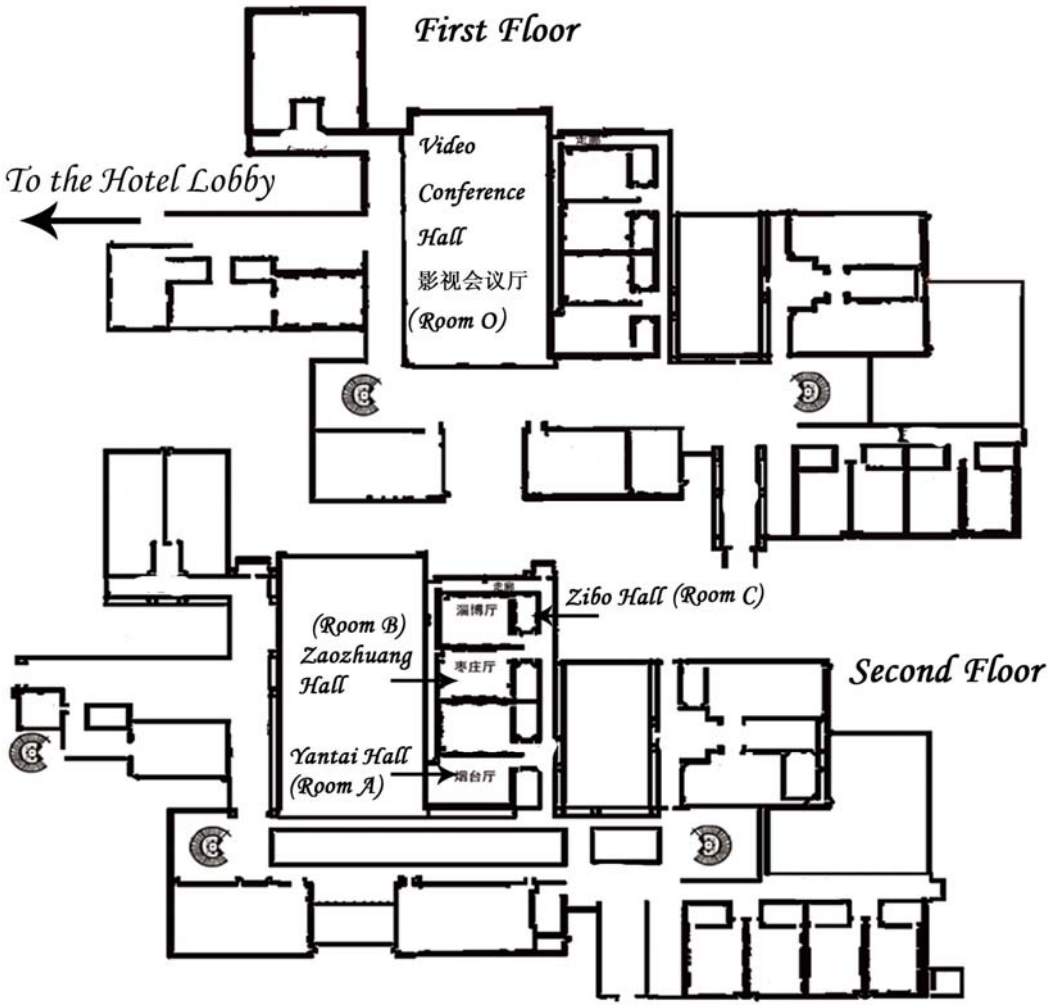
SYMPOSIUM SCHEDULE

Date	Morning	Afternoon	Evening
June 6, Sun	Registration 08:00-20:00		Reception 18:00-19:30
June 7, Mon	Opening Ceremony 08:30-09:00 Technical Sessions 09:00-12:00	Technical Sessions 13:30-17:30	
June 8, Tue	Technical Sessions 08:30-12:00	Half-day tour in Ji'nan city 14:00-17:00	Posters Session 19:30-21:30
June 9, Wed	Technical Sessions 08:30-12:00	Technical Sessions 13:30-17:30	Closing Ceremony Banquet 18:30
June 10, Thu	Post Conference Tour—Mount Tai （泰山） 07:00-18:00		



The Shandong Hotel Lobby



The Conference Center

SCIENTIFIC TOPICS

Invited lecture and contributed papers will cover following fields:

1. Structure and dynamics of polymers
2. Surface and interface of polymers
3. Polymer solution, gels and complex fluids
4. Bio-related and self-assemble polymers
5. Polymer for electronics, photonics and high-performance
6. Polymer matrix composites
7. Theory, calculation and modeling of polymers

SCIENTIFIC PROGRAM

Presentation Time

Allotted presentation time is as following:

Invited Lecture (Labeled with *)	25+5 min discussion
Invited Lecture of the Special Session	18+2 min discussion
Oral Presentation	12+3 min discussion
Poster Presentation	2 hours

THE FINANCIAL SUPPORTS

※ The National Natural Science Foundation of China (NSFC)

※ The Chinese Academy of Sciences (CAS)

※ State Key Laboratory of Polymer Physics and Chemistry, China

※ Shandong University

※ Degussa (China) Co., Ltd.

OPENING

08:30-09:00, June 7, Monday Morning
Room O (Video Conference Hall, 影视厅)

LECTURES

June 7, Monday Morning
Room O (Video Conference Hall, 影视厅)
Special session for the 4th Feng Xinde Polymer Prize

Chairman:		***Charles C. Han***	
09:10-09:30	*	Zichen Li	New polymer synthesis by controlling the kinetic process of ATRP of AB* inimers
09:30-09:50	*	Feng-Chih Chang	A new polymer-like supramolecule through non-covalent self-supporting interactions
09:50-10:10	*	Zhen Tong	Ultrahigh tensibility and stimulus-response of nanocomposite hydrogels
10:10-10:30	*	Jiandong Ding	Significant effects of ionizable end groups on self-assembly and thermogelling of amphiphilic block copolymers in water
10:30-10:40		*Coffee Break*	
Chairman:		***S.Z.D Cheng***	
10:40-11:00	*	Yanchun Han	A new method to improve poly(3-hexyl thiophene) (P3HT) crystalline behavior: decreasing chains entanglement to promote order-disorder transformation in solution
11:00-11:20	*	Yanhou Geng	Kumada chain-growth polycondensation for conjugated and unconjugated polymers
11:20-11:40	*	Xiaogong Wang	Amphiphilic azo polymers: synthesis, self-assembly and photoinduced deformation behavior
11:40-12:00	*	Wenbing Hu	Intramolecular crystal nucleation model

June 7, Monday Morning
Room B （Zaozhuang Hall，枣庄厅）

Chairman:		***Bernard Lotz***	

09:15-09:45	*	Stephen Z.D. Cheng	Hierarchical ordered structure in supramolecules
09:45-10:15	*	Hiroshi Watanabe	Entanglement dynamics in miscible polymer blends
10:15-10:30		Ken Kojio	Film thickness dependence of chain and microphase-separated structures of thin oligourethane films
10:30-10:45		*Coffee Break*	
Chairman:		***Qiang Fu***	
10:45-11:15	*	Qi Xue	Packing and unjamming transition of polymer chains
11:15-11:30		Pingchuan Sun	Effect of critical molecular weight of PEO in epoxy/PEO blends as characterized by advanced DSC and solid-state NMR
11:30-11:45		Ken Nakajima	Dynamic nano-fishing of a single polymer chain
11:45-12:00		Zaijun Lu	Synthesis of the block copolymers and their applications in nanomaterials

June 7, Monday Morning
Room C（Zibo Hall，淄博厅）

Chairman:		***Mitchell Winnik***	
09:15-09:45	*	Jianping Gong	Anisotropic hydrogels with high mechanical strength and self-recovery by incorporating lipid-like lamellar structure
09:45-10:15	*	Mathew Becker	Distinct biophysical changes caused by the addition of iodine atoms in degradable amorphous biomaterials
10:15-10:30		Junting Xu	Effects of inorganic salt and pH on micellar morphology of PCL-b-PEO block copolymers in aqueous solution
10:30-10:45		*Coffee Break*	
Chairman:		***Julie Kornfield***	
10:45-11:15	*	Zhengzhong Shao	Mechanical properties of antheraea pernyi silk at cryogenic temperatures
11:15-11:45	*	Yongkuan Gong	Fabrication and hemocompatibility of cell outer membrane mimetic surfaces
11:45-12:00		Dehai Liang	Formation of polyelectrolyte complexes: effect of slow mode

June 7, Monday Afternoon
Room A (Yantai Hall, 烟台厅)
Special session for the 70th Birthday of Professor G. Wegner

Chairman:		***Charles C. Han***	
13:30-14:00	*	Gerhard Wegner	Core-shell nanoparticles in the design and performance of plastic electronics
14:00-14:20	*	Yves-Gorat Stommel	Gip- gas-dynamically induced nanoparticle production
14:20-14:40	*	Jochen Gutmann	Integrated approaches in templated hybrid polymer materials
14:40-15:00	*	Wei Wang	Understanding supramolecular aggregation of polyoxometalates-containing polymers and macromolecules
15:00-15:20	*	George Floudas	Polypeptide self-assembly and dynamics
15:20-15:30		*Coffee Break*	
Chairman:		***Wei Wang***	
15:30-16:00	*	George Fytas	Hypersonic phononics
16:00-16:20	*	Jianjun Wang	Preparation of multimodal colloid crystals via self-assembly
16:20-16:40	*	Ingo Lieberwirth	Pattern formation and morphology in the course of drying a droplet of a ternary polymer solution
16:40-17:00	*	Hongxia Guo	Compartmentalization and delivery via amphiphiles monolayers with inverse swollen micelles
17:00-17:20	*	Volker Abetz	High performance polymer materials based on polyoxazoles

June 7, Monday Afternoon
Room B （Zaozhuang Hall，枣庄厅）

Chairman:		***Yongfeng Men***	
13:30-14:00	*	Julie Kornfield	Molecular aspects of flow-induced crystallization
14:00-14:30	*	Qiang Fu	Reinforcement of polypropylene by controlling the hierarchical structure of injection molded bar
14:30-15:00	*	Tran-Cong-Miyata Qui	Polymers with spatially graded continuous morphology generated by phase separation under spatially non-uniform conditions

15:00-15:15		Liangbin Li	Is coil stretch transition a necessary condition for shish formation?
15:15-15:30		Hui Wu	Molecular aggregation states of polycarbonate/polystyrene blend nanorods
15:30-15:45		*Coffee Break*	
Chairman:		***Hiroshi Watanabe***	
15:45-16:15	*	Shi-Qing Wang	Building the phenomenological foundation for polymer nonlinear rheology and processing
16:15-16:45	*	Yongfeng Men	Structural evolution of polymeric latex dispersions during film formation and post annealing the resultant film by synchrotron SAXS
16:45-17:00		Xiaozhen Yang	Nascent crystallization and nascent morphology

June 7, Monday Afternoon
Room C（Zibo Hall，淄博厅）

Chairman:		***Jianping Gong***	
13:30-14:00	*	Mitchell Winnik	Living self-assembly of fiber-like micelles by polyferrocenylsilane block copolymers
14:00-14:30	*	Linqi Shi	Chiral complexes of achiral porphyrins and diblock copolymers
14:30-15:00	*	Alan R. Esker	Modification of polysaccharide surfaces and interfaces
15:00-15:30	*	Jiaping Lin	Self-assembly of polypeptide-based copolymers
15:30-15:45		*Coffee Break*	
Chairman:		***Zhengzhong Shao***	
15:45-16:15	*	Yubin Huang	Nano-scaled biopolymers from biodegradable materials
16:15-16:30		Kenichi Sano	Reversible gel-sol transition of actin gel
16:30-16:45		Ping Zhou	Effect of Al^{3+} and curcumin on the conformation transition of silk fibroin
16:45-17:00		Guang Yang	Controllable bio-fabrication and functionalization of patterned cellulose nano-fibers composites
17:00-17:15		Yongmei Chen	Study on the sliding friction of endothelial cells

June 8, Tuesday Morning
Room A (Yantai Hall, 烟台厅)

Chairman: ***Keiji Tanaka***

08:30-09:00	*	Wen-li Wu	Quantitative measurements of multilayer polymer thin films using IR spectroscopic ellipsometry
09:00-09:30	*	Alamgir Karim	Directed assembly of block copolymer thin films
09:30-10:00	*	Zhiqun Lin	Hierarchically ordered structures enabled by evaporative self-assembly of polymer solutions
10:00-10:15		*Coffee Break*	
Chairman:		***Wen-li Wu***	
10:15-10:45	*	Rong-ming Ho	Nanohybrids from self-assembly of degradable chiral block copolymers
10:45-11:15	*	To Ngai	Direct measurement of weak depletion force between two surfaces
11:15-11:45	*	Keiji Tanaka	Swelling of thin polymer films in non-solvents
11:45-12:00		Tongfei Shi	The competition between the liquid-liquid dewetting and the liquid-solid dewetting

June 8, Tuesday Morning
Room B （Zaozhuang Hall，枣庄厅）

Chairman:		***Christopher Y. Li***	
08:30-09:00	*	Yoshihito Osada	Polymerscience in RIKEN
09:00-09:30	*	Bernard Lotz	The crystallography of polymer folds. Its impact on spherulite morphology and structure
09:30-10:00	*	Shaw Ling Hsu	Crystallization of random copolymers
10:00-10:15		*Coffee Break*	
Chairman:		***Tran-Cong-Miyata Qui***	
10:15-10:45	*	David J. Lohse	Tuning polyolefin performance by controlling chemical architecture
10:45-11:15	*	Christopher Y. Li	Permeable nanoconfined crystalline block copolymers induce abnormal thermal switching in responsive hierarchical volume grating
11:15-11:45	*	Xudong Chen	Resonance light scattering and derived techniques in polymer science
11:45-12:00		Zhiyong Jiang	Two lamellar-to-fibrillar transitions in tensile deformation of high-density polyethylene: scanning synchrotron SAXS study

June 8, Tuesday, Morning
Room C（Zibo Hall，淄博厅）

Chairman: ***Eric Lin***

08:30-09:00	*	Bai Yang	Preparation and application of biomimetic antireflective surfaces
09:00-09:30	*	Kwang-Un Jeong	Color-tunable photonic actuators
09:30-10:00	*	Lei Zhu	Electric energy storage in ferroelectric polymers
10:00-10:15		*Coffee Break*	
Chairman:		***Bai Yang***	
10:15-10:45	*	Shi Jin	P-stack engineering in organic semi-conductors: from amorphous glasses to crystals
10:45-11:15	*	Eric Lin	Materials structure measurements for organic photovoltaics
11:15-11:30		Guangzhe Piao	Micro-patterning of C_{60} fullerene fibers in polymer composites using a magnetic modulator
11:30-11:45		Aihua He	Trans-1,4- dominated polydiene elastomers
11:45-12:00		Jidong Zhang	Study of microstructure of polyoctylfluorene thin film and its effect on electro-optic properties by using grazing incident X-ray diffraction

June 9, Wednesday, Morning
Room A (Yantai Hall, 烟台厅)

Chairman:		***Taihyun Chang***	
08:30-09:00	*	Mitsuhiro Shibayama	Structure and mechanical properties of tetra-PEG gels
09:00-09:30	*	Erqiang Chen	Self-assembly of multiple-dendron-substituted crown ethers: liquid crystalline behavior and gelation
09:30-10:00	*	Fumihiko Tanaka	Hydration and phase separation of temperature-sensitive water-soluble polymers
10:00-10:15		*Coffee Break*	
Chairman:		***Erqiang Chen***	
10:15-10:45	*	Taihyun Chang	Epitaxial Phase Transition in Block Copolymer
10:45-11:15	*	Yuanze Xu	The scale decoupling approaches in modeling of complex fluid processes
11:15-11:45	*	Kalman Migler	The polymer processing lab on a chip
11:45-12:00		Jintao Zhu	Multi-vesicular assemblies formed by interfacial instabilities of oil-in-water emulsior droplets

June 9, Wednesday, Morning *Room B （Zaozhuang Hall，枣庄厅）*			
Chairman:		***Yongming Chen***	
08:30-09:00	*	Toshio Nishi	Structure and dynamics of polymeric materials in nano-scale
09:00-09:30	*	Hiroshi Jinnai	Self-assembly in an ABC-type triblock terpolymer
09:30-10:00	*	Qiang Zheng	Rheological study on opposite charged surfactant and polyelectrolyte complex solution
10:00-10:15		*Coffee Break*	
Chairman:		***Hiroshi Jinnai***	
10:15-10:45	*	Yuxi Jia	Shear bands in fiber reinforced polymer composites
10:45-11:15	*	Jeff Z.Y. Chen	What can we learn from theoretical modeling of membranes interacting with polymers?
11:15-11:30		Wei Yu	Phase separation of polymer blends with dynamic asymmetry
11:30-11:45		Mengbo Luo	Translocation of copolymer A_nB_n through an interacting pore
11:45-12:00		Wei Ma	Preparation and characterization of polystyrene/imogolite nanocomposites

June 9, Wednesday, Morning *Room C（Zibo Hall，淄博厅）*			
Chairman:		***Dongge Ma***	
08:30-09:00	*	Sung Chul Kim	Semi-IPN membranes for direct methanol fuel cell
09:00-09:30	*	Wenbin Zhang	Soft fullerene materials: click chemistry and supramolecular assemblies
09:30-10:00	*	Howard Wang	Solution structure of poly(3-hexylthiophene) and its implications in organic electronics
10:00-10:15		*Coffee Break*	
Chairman:		***Sung Chul Kim***	
10:15-10:45	*	Dongge Ma	Organic semiconductor heterojunction and its application in tandem organic light-emitting diodes
10:45-11:15	*	Weiqi Weng	New advances in elastomer nanocomposite technology

11:15-11:45	*	Liqun Zhang	New insight into interfacial interaction and reinforcement mechanism of polymer nanocomposites through experimental and simulation studies
11:45-12:00		Yun Lu	The structure of conducting hydrogels with enhanced mechanical strength

June 9, Wednesday, Afternoon
Room A (Yantai Hall, 烟台厅)

Chairman:		***Atsushi Takahara***	
13:30-14:00	*	Robert A. Weiss	Rheology of ionomers
14:00-14:30	*	Kenji Urayama	Anomaly in stretching-driven swelling of slide-ring gels with movable cross-links
14:30-14:45		Xiaopeng Xiong	PH-sensitive gels from cellulose and chitosan
14:45-15:00		Xiaoliang Wang	Time-resolved rheometry during slow "ripening" of CTPB/C18-clay nanocomposite
15:00-15:15		Miklós Zrínyi	Nano- and micro structured smart polymer composite gels
15:15-15:30		Jin-Kuk Kim	Study on the structure and thermal properties of SBR / silicone blends by melt processing
15:30-15:45		*Coffee Break*	
Chairman:		***Jiang Zhao***	
15:45-16:15	*	Atsushi Takahara	Surface molecular aggregation states and wettability of fluoroalkyl side chain polymers
16:15-16:45	*	David Andelman	Block copolymers at surfaces: patterns, templates and electric fields
16:45-17:00		Gangyao Wen	Aggregation behavior of block copolymers at the air/water interface
17:00-17:15		Yongjin Li	Tie molecular concentration effects on the crystal orientation behaviors in the miscible PVDF/acrylic polymer blends
17:15-17:30		Fischer Stefan	Self reinforcement of polypropylene by modifying the voiding properties via tie molecules

June 9, Wednesday, Afternoon
Room B （Zaozhuang Hall，枣庄厅）

Chairman:		***Yong Huang***	

13:30-14:00	*	An-Chang Shi	Statistical mechanics of macromolecule complexation
14:00-14:30	*	Dadong Yan	Nucleation in polydisperse polymer mixtures
14:30-14:45		Chaohui Tong	Like-charge attraction in polyelectrolyte solutions
14:45-15:00		Rong Wang	Excluded volume effect induced phase transition of block copolymer in solution
15:00-15:15		Jun Xu	Analytical kinetics method for nucleation and its application in polymer crystallization
15:15-15:30		Xingkun Man	Modeling of block copolymer at patterned surfaces
15:30-15:45		*Coffee Break*	
Chairman:		***An-Chang Shi***	
15:45-16:00		Yong Huang	Dual-stimuli-responsive hydroxypropylcellulose graft poly(N,N- dimethyl aminoethyl methacrylate) copolymers
16:00-16:15		Jun Fu	Ultra high molecular weight polyethylene with improved wear resistance and mechanical properties for total joint implants
16:15-16:30		Min Wu	Biomass nanofibers for controlled of metal nanoparticles synthesis
16:30-16:45		Kunkun Guo	Actin polymerization and depolymerization coupled to random hydrolysis: Brownian dynamics simulations
16:45-17:00		Jianfeng Li	Simulating the pulling of red blood cells
17:00-17:15		Ruigang Liu	Polyionic complex micelles based on neutral-ionic cellulosic graft copolymer
17:15-17:30		Yong Jiang	Detecting self-assembly structure of single stranded DNA by atomic force microscopy

June 9, Wednesday, Afternoon
Room C（Zibo Hall，淄博厅）

Chairman:		***Xigao Jin***	
13:30-14:00	*	Benjamin Chu	Breakthroughs on ultra-filtration for water purification
14:00-14:30	*	Jingcheng Hao	Heating-induced phase transitions of aqueous solution to precipitates in poly (sodium 4-styrenesulfonate)/ tetradecyltrimethylammonium bromide system

14:30-15:00	*	Sadhan Jana	Non-covalent filler-polymer interactions: effects on shape memory properties and properties of spun fibers
15:00-15:30	*	Joachim Loos	Advanced analysis of carbon-based nano-composites
15:30-15:45		*Coffee Break*	
Chairman:		***Jingcheng Hao***	
15:45-16:00		Binyang Du	Synthesis and micelle behavior of (PNIPAm-PtBA-PNIPAm)m amphiphilic multiblock copolymer
16:00-16:15		Zhigang Wang	Effects of aspect ratio of carbon nanotubes on crystallization behavior of polylactide in its multiwalled carbon nanotubes composites
16:15-16:30		Haiqing Hu	Phase behavior study of PEB/PES blend by time resolved laser light scattering
16:30-16:45		Yonggui Liao	Self-assembly of conjugated block copolymer containing polyaniline on surface of multi-walled carbon nanotubes
16:45-17:00		Yehai Yan	Interface molecular engineering of polystyrene/SWNT composites
17:00-17:15		Rathgeber Silke	Microrheology with fluorescence correlation spectroscopy
17:15-17:30		Ning Zhao	New developments in the fabrication of ordered surface by breath figures method

POSTERS

June 8, Tuesday Evening, 19:30–21:30

Num	Name		Title	Position
P-1-1	Hong Huo	*	Effects of magnesium chloride on the crystallization of poly(ethylene oxide) and poly(ε-caprolactone)	1
P-1-2	Zongbao Wang	*	Twisting of lamellar crystal in poly(3-hydroxybutyrate-co-3-hydroxyxalerate) ring-banded spherulites	2
P-1-3	Jun Fu	*	Effect of high temperature melting on the mechanical properties of ultra high molecular weight polyethylene	3
P-1-4	Ya Li	*	Morphology of 4arms PEO-b-PCL crystallized under high pressure CO_2	4
P-1-5	Pingchuan Sun	*	Polymer induced conformational transition of protein in silk fibroin as revealed by combined solid-state NMR and first principles calculations	5
P-1-6	Yongri Liang	*	Structure and morphology of polypropylene/poly(ethylene-co-octene) in-reactor alloy with small and wide angle X-ray scattering methods	6
P-1-7	Qingzeng Zhu	*	Crystalline vinylsilsesquioxane	7
P-1-8	Qingzeng Zhu	*	Study of 3, 3-dichlorobenzidine molecularly imprinted polysiloxane microspheres	8
P-1-9	Qingzeng Zhu	*	Surface property of PEG-PLA diblock copolymers	9
P-1-10	Jianjun Zhou	*	Kebab structures induced by shish blocks of isotactic polypropylene	10
P-1-11	Bing Na	*	Micro-FTIR studies of deformation and fracture of semi-crystalline polymers	11
P-1-12	Jianhua Cao	*	Study on the structure and properties of polymer nanofiber formed via electrospinning	12
P-1-13	Yunlan Su	*	Phase change materials of n-alkane-containing microcapsules: coexistence of ordered and rotator phases	13

P-5-2	Huihui Li	*	Structure and morphology of syndiotactic poly(propene-co-1-butene)s with 1-butene as a rich component	33
P-5-3	Shidong Jiang	*	Vapor phase epitaxy of perylo[1,12-b,c,d]thiophene on highly oriented polyethylene thin films	34
P-5-4	Jiangang Liu		The mechanisms for introduction of n-dodecylthiol to modify the P3HT/PCBM morphology	108
P-5-5	Lidong Zheng		Novel PCBM crystals grown by diffusion limited epitaxial crystallization (DLEC) on mica (001) within polymer matrix	109
P-5-6	Xiao Li		Porous polymer film with gradient-refractive-index structure for broad-band and omnidirectional antireflection coating	110
P-5-7	Hainan Gao		Monolithic polyaniline/polyvinyl alcohol nanocomposite actuators with tunable stimuli-responsive properties	111
P-5-8	Shuyan Shao		High-efficiency hybrid polymer solar cells with inorganic P- and N-type semiconductor nanocrystals to collect photogenerated charges	112
P-5-9	Xiaotao Wang		Synthesis and photo-responsive behaviors of hollow polyazobenzene micro-spheres	113
P-5-10	Hao Wang		Polyaniline electrochromic devices with fast response and obvious color change	114
P-6-1	Hongxia Zhang	*	Design of 30m small angle neutron scattering instrument and neutron reflectometer	35
P-6-2	Shengyu Feng	*	Preparation and characterization of the conductive RTV SR/CB composites with high mechanical properties	36
P-6-3	Hongliang Kang	*	Preparation and characterization of polysaccharide bio-nanocomposite	37
P-6-4	Zhongjie Ren	*	In situ molecular composites of ladder polyphenylsilsesquioxane and polyisophthalamide and their electro-spinning fibers	38
P-6-5	Guangxin Chen	*	Highly oriented structures with much larger micro-domains from diblock copolymers via solvent annealing on water surface	39

P-6-6	Xiaoli Sun	*	Effect of hydrogen bonding on the phase transformation behavior of poly(butylenes adipate) crystals in the poly(butylenes adipate) / poly(vinylphenol) blends	40
P-6-7	Juanjuan Tan		Thermal behavior of poly(ether urethane)/poss nanohybrid elastomers	115
P-6-8	Qian Xing		The role of low molecular weight aliphatic amide on the crystallization behavior of poly (l-lactic acid)	116
P-6-9	Tao Wen		Crystallization kinetics and morphology of olefin block copolymer (OBC)/silica composites	117
P-6-10	Yan Li		Influences of component ratio of minor phases and charge sequence on the morphology evolution and mechanical properties of PP/PS/PA6 ternary blends	118
P-6-11	Dekun Sheng		Preparation and characterization of thermoplastic polyurethane/organoclay nanocomposites with different clay modifiers	119
P-6-12	Haiyan Peng		Effects of alcohols on thermal response and electro-optical performance of polymer-dispersed liquid crystals	120
P-6-13	Yan Zhang		Three-layer structure formation in the reaction-induced phase separation of epoxy/polysulfone blends	121
P-6-14	Jun Luo		Effects of liquid-liquid phase separation on formation of PP γ-form crystal in polypropylene/ poly(ethylene-co-octene) in-reactor alloy	122
P-6-15	Haiyuan Zhang		Novel high-flux composite ultrafiltration and nanofiltration membranes	123
P-6-16	Jiajia Zhou		Microphase separation induced by competitive monomer-monomer interactions in diblock copolymer/homopolymer blends	124
P-7-1	Sizhu Wu	*	Theoretical study on the dynamic mechanical properties of the NBR composites under the static pressure	41
P-7-2	Xiaolin Wang	*	The microscopic mechanism and dynamics of polymeric membrane formation	42
P-7-3	Yanping Ma	*	A DFT study on reaction mechanism of ethylene oxide insertion and ring opening initiated by aluminum porphyrin complexes	43

Excursion to Mount Tai (泰山)

An excursion to Mount Tai (泰山) will arranged on the final day of the symposium (June 10, 2010).

Mt. Tai is the leading one of the five sacred Taoist mountains in China, and it is list as a World Heritage by UNESCO. It is located in central Shandong Province, about 70 kilometers south of Ji'nan City. Mt. Tai has an extremely rich cultural heritage and is "a partial miniature of Chinese culture". Moreover, the way in which the culture has been integrated with the natural scenery is considered to be a precious legacy. Cultural relics on Mt. Tai include memorial objects, ancient architectural complexes, stone sculptures and archaeological sites of outstanding importance.

Mt. Tai was also an important centre of religious activity for both Buddhism and Taoism. There are many ancient temples such as The Lang and Divine Rock temples, Jade Spring Temple, God's Treasure Temple and Pervading Light Temple, among which the Divine Rock temple was regarded as first among China's four temple wonders. Places for Taoist activities included the Temple to the Heavenly Queen Mother, Palace of Goddess Doumu, Azure Cloud Temple, Rear Rock Basin Temple and Supreme Lord of Heaven Temple, traced back to 220-280 A.D.

The typical time needed for a tour in Mt. Tai varies from 2 to 8 hours, mainly depending on the way of transportation. One option is to use cable trolley at one's own expense of 140 RMB (~20 USD). It takes ~30 minutes by trolley to reach the South Heavenly Gate (南天门), from which one will hike to the top on foot. The total time will be around 2-4 hours. The other option is to hike on foot totally and 2 more hours are needed. Participants to use the trolley will depart from hotel at 8:00 AM, and those to hike on foot will depart from hotel at 7:00 AM.

Please mark your choice and inform the Secretaries at the time of registration.

Survey Form for the excursion to Mount Tai

☐ I would like to hike on foot totally.

☐ I would like to take the two-way cable car.

Travel Tips:

1. Please wear casually with comfortable shoes.
2. For hiking up the mountain, please be prepared for at least 4 hours of stair climbing. One is also advised to buy drinks before departure to avoid high price up in the mountain.