Number	Title	Name
PL1	Adhesion and organ repair by nanoparticle solutions	Ludwik Leibler
PL2	MACROSCOPIC SELF-ASSEMBLY AND SELF-HEALING THROUGH MOLECULAR RECOGNITION	Akira Harada
PL3	Polyelectrolyte Gel Dynamics	Murugappan Muthukumar
PL4	MAGNETO-RESPONSIVE ELASTOMERIC MATERIALS: MAIN PHYSICAL PROPERTIES AND APPLICATIONS	Alexei R. Khokhlov
PL5	Amphiphilic properties of cellulose: Dissolution, association and network formation.	Björn Lindman
PL6	Hydrogels based on Molecular Self-assembly	Kell Mortensen
PL7	Aquamaterials	Takuzo AIda
PL8	Development of novel structural biomaterials by controlling 3D shape	Ung-il Chung/Yuichi Tei

Number	Title	Name
KL1	LIGHT-INDUCED RECONFIGURATION AND DIRECTED MOTION OF CHEMO-RESPONSIVE GELS	Anna Christina Balazs
KL2	SUPRAMOLECULAR ORGANIZATION AND FUNCTION OF CARTILAGE BIOPOLYMERS	Ferenc Horkay
KL3	Effects of pH and Thermally Sensitive Hybrid Gels on Osteogenic Differentiation of Mesenchymal Stem Cells	Chi WU
KL4	Self-Assembly and Glass Formation	Jack F. Douglas
KL5	Superhydrophobic Hybrid Micro-Nanocomposites with Various Applications	Chang-Sik Ha
KL6	Hybrids of Thermosensitive Microgels and Metallic Nanoparticles	Matthias Ballauff
KL7	Combining physical gelation and enzymatic cross-linking in biopolymer gels: impact on rheology, nanostructure and cell response	Cecile Dreiss
KL8	Complex Responsive Microgels	Walter Richtering
KL9	Chemoluminescent molecules for the detection of bond fracture in real time	Costantino Creton
KL10	Hydrophilic Gradient Gels for Medical Coating Applications	Moshe Gottlieb
KL11	FUNCTIONAL ASSEMBLIES AND INTERFACIAL DYNAMICS WITH CUCURBITURILS	Oren A. Scherman
KL12	PHOTOPOLYMERIZED NETWORKS BASED ON THE CU(I)-CATALYZED AZIDE-ALKYNE CYCLOADDITION (CUAAC) REACTION	Christopher Bowman
KL13	Universal behavior of hydrogels confined to narrow capillaries	Michael Rubinstein
KL14	WELL-DEFINED FUNCTIONAL POLYMER NETWORKS	Costas S. Patrickios
KL15	Amphiphilic Hyperbranched Dendritic-Linear Polymers for Drug-Delivery	Eva Malmström
KL16	Development of Bioactive Hydrogels for Wound Care Systems	Bhuvanesh Gupta
KL17	Towards Smart Poly(amino acid)-based Hydrogels for Biomedical and Pharmaceutical Applications	Miklos Zrinyi
KL18	SWELLING AND ELASTICITY OF CONSTRAINED NETWORKS	Karel Dusek

Number	Title	Name

IL1	Biologically Stimuli-Responsive Gels with Dynamic Crosslinks	Takashi Miyata
IL2	Thermo-responsive Hydro Gels Networked by Rotaxane Cross-links	Toshikazu Takata
IL3	Control hydrogel friction and lubrication by surface geometry	Jian Ping Gong
IL4	Ion Gel: Soft Matter Containing Ionic Liquid	Masayoshi Watanabe
IL5	REDOX INJECTABLE GELS FOR BIOMEDICAL APPLICATIONS	Yukio Nagasaki

Number	Title	Name
YA1	MULTIRESPONSIVE AND MULTIFUNCTIONAL GELS	David Díaz Díaz
YA2	Effect and Evolution of Nanostructural Complexity in Sensitive and Supramolecular Polymer Networks	Sebastian Seiffert
YA3	Small molecule organogels: From solution thermodynamics to functional polymer additives	Kevin Cavicchi
YA4	MECHANICALLY STRONG MICROHETEROGENEOUS HYDROGELS WITHOUT HYSTERESIS UPON CYCLIC COMPRESSION WITH MPA LOADING	Juergen Groll
YA5	Controlled Crosslinking of Block Copolymer Nanostructures: Switchable Membranes, Patchy Particles, and Robust Coatings	Felix Helmut Schacher
YA6	MECHANICAL PROPERTIES OF POLYMER GELS WITH CONTROLLED NETWORK STRUCTURE	Takamasa Sakai
YA7	MUCOADHESIVE THIOLATED POLY(ASPARTIC ACID)	András Szilágyi

Number	Title	Name
CT1a	Enzymatic synthesis of mussel-mimicking molecular network and their adhesion functions	Keiji Numata
CT2a	STRUCTURAL INSIGHTS AND NOVEL FUNCTION FROM SELECTIVE DISASSEMBLY OF POLYMER NETWORKS	Jeremiah A. Johnson
CT3a	HIGH-PERFORMANCE BIOPLASTICS WITH ENTANGLES HYPERBRANCHING CHAINS	Tasuo Kaneko
CT4a	HYPERBRANCHED POLYESTERS OR POLYAMIDES VIA ROOM-TEMPARATURE POLYCONDENSATION	Henryk Galina
CT5a	MECHANICAL PROPERTY AND MOLECULAR DESIGN OF SLIDE-RING GELS	Kazuaki Kato
CT6a	Multi-Stimuli-Responsive Gels via Mixing of Boroxole- and Glyco-Based Polymers for Diagnosis and Therapy	Yohei Kotsuchibashi
CT7a	INFLUENCE OF SOLVENT ON THE GELATION AND PHYSICAL PROPERTIES OF CATECHOLIC GELS	Amin GhavamiNejad
CT8a	SELF-HEALING PROPERTIES OF SUPRAMOLECULAR HYDROGELS FORMED BY CYCLODEXTRINS AND HYDROPHOBIC GUEST GROUPS	Yoshinori Takashima
CT9a	A mathematical model for polyelectrolyte gels	Yoichiro Mori
CT10a	PATIAL HETEROGENEITY IN GELATION PROCESS OF MOLECULAR-ASSEMBLED SYSTEMS	Atsuomi Shundo
CT11a	Highly Elastic Polyacrylamide Gel Networks using Macro-crosslinkers	Stephen Moratti
CT12a	Capturing Extension Limit of Single Polymer Chain via Internal Fracture Analysis of Double Network Hydrogels	Tasuku Nakajima
CT13a	Swelling Behavior and Colloidal Stability of Polyelectrolyte Microgels in the Solution of Oppositely Charged Surfactant	Elena Kramarenko
CT14a	Synergetic Chemomechanical Oscillators: Periodic Gel Actuators without Oscillatory Chemical Reaction	Judit Horváth
CT15a	A SYNTHETIC GEL BASED APPROACH TOWARD SELF-REGULATED INSULIN DELIVERY	Akira Matsumoto
CT16a	Wood adhesives based on polysaccharides	Linda Fogelström

CT17a	3D GEL PRINTERS FOR DESIGNABLE GEL INNOVATIONS	Hidemitsu Furukawa
CT18a	AMINO ACIDS AS COMPONENTS OF MICRGELS FOR TUNING THEIR PROPERTIES	Marcin Karbarz
CT19a	Thixotropic Hydrogel Consisted of Rigid Rod-Like Polyelectrolyte	Kazuhiro Shikinaka
CT20a	DEVELOPMENT OF SELF-ASSEMBLED POLYTHIOPHENE/FULLERENE/SINGLE-WALLED CARBON NANOTUBES TERNARY COMPOSITES IN WATER FOR PHOTOVOLTAIC CELLS	Zha Li
CT21a	Stress-Strain Relation of Highly Deformable Dual Crosslink Gels Having Permanent and Transient Crosslinks	Koichi Mayumi
CT22a	COMPOSITE MICROGEL SYNTHESIS BY SEEDED EMULSION POLYMERIZATION WITH HYDROGEL PARTICLES	Daisuke Suzuki
CT23a	RHEOLOGY AND SWELLING OF DOUBLE-NETWORK HYDROGELS	Miroslava Duskova-Smrckova
CT24a	HRMAS NMR: a powerful tool for unraveling the chemical structure of double polymer networks hydrogels	Pavletta Shestakova
CT25a	Self-assembled networks composed of wormlike micelles and magnetite particles	Olga Philippova
CT26a	DNA Hydrogels for Noble Metals Concentrating and In-Gel Synthesis of Nanomaterials for Catalytic Applications	Anatoly Zinchenko
CT27a	Photoresponsive Hydrogels -Reversible or Irreversible-	Kimio Sumaru
CT28a	A PEG-BASED SELF-HEALING TEMPLATE TO CREATE THREE-DIMENTIONAL ARBITRARILY-SHAPED HYDROGELS	Takeshi Sato

Number	Title	Name
CT1b	Highly Strechable, Mechanically Tough Zwitterionic Sulfobetaine Nanocomposite Gels with Controlled Thermosensitivity	Kazutoshi Haraguchi
CT2b	Withdraw	
CT3b	SMART CROSS-LINKED POLYMER MICELLES FOR DRUG DELIVERY	Raphaël Riva
CT4b	PHOTO-INDUCED RECONFIGURATION AND DIRECTED MOTION OF SPIROBENZOPYRAN-FUNCTIONALIZED SELF-OSCILLATING GELS	Olga Kuksenok
CT5b	REAL TIME MEASUREMENTS OF POLYMER PROPERTIES BY RAMAN SPECTROSCOPY	BOURSON Patrice
CT6b	ANALYSIS OF POLYMER NETWORKS IN THIOL/ENE UV CURING SYSTEM USING A REWORKABLE MONOMER	Haruyuki Okamura
CT7b	Withdraw	
CT8b	Microrheological Observation of Transient Percolation Transitions in Living Polymeric Networks – Identification of Two Gel Points	Tetsuharu Narita
CT9b	Olympic Gels	Michael Lang
CT10b	Elasticity of fibrin as bundled biopolymer networks	Nicholas Agung Kurniawan
CT11b	Dynamic Light Scattering Study of Ethylene-Propylene-Diene Rubber	M. Hasnat Kabir
CT12b	SAXS AND SANS STUDY ON STRUCTURE OF PHASE-SEPARATED AMPHIPHILIC-GELS	Katsuhiro Yamamoto
CT13b	PREPARATION AND STUDY OF BIFUNCTIONAL CURING AGENTS FOR EPOXY RESINS	Ricardo Acosta Ortiz
CT14b	STRUCTURE AND SELF-ASSEMBLY OF THERMOREVERSIBLE TRIBLOCK COPOLYMER GELS	Vivek Prabhu
CT15b	Engineering Biopolymer-Based Multicomponent Hydrogels to Control Mechanical Properties	Stevin H. Gehrke
CT16b	THE EFFECT OF MAGNETIC FIELD ON THE MORPHOLOGY AND THERMOMECHANICAL PROPERTIES OF LIQUID CRYSTALLINE EPOXY COMPOSITES WITH ANISORTROPIC FILLERS	Beata Mossety-Leszczak
CT17b	SEGREGATION BEHAVIOR OF AMPHIPHILIC DIBLOCK COPOLYMERS TO ELASTOMER/WATER INTERFACE	Manabu Inutsuka
CT18b	Effects of temperature and tearing velocity on the fracture energy of polyampholyte physical hydrogels	Taolin Sun

CT19b	Novel methods to control the elution behavior of PVA cast gels	Saori Sasaki
CT20b	Ultra-Large Pore Mesoporous Silica Nanospheres and Their Application to the Encapsulation of Large Guest Molecules	Seong Huh
CT21b	Correlating molecular structure to mechanism of gelation of low molecular weight hydrogelators	Daniel Hermida-Merino
CT22b	Evolution of self-oscillating polymer gels as autonomous polymer systems	Ryo Yoshida
CT23b	Design of biodegradable graft copolymers exhibiting temperature-responsive sol-gel transition as injectable biomedical materials	Akihiro Takahashi
CT24b	Instant preparation biodegradable injectable polymer formulation exhibiting temperature-responsive sol-gel transition	Yuichi Ohya
CT25b	PREPARATION OF FIBRILLZED COLLAGEN-GLYCOSAMINOGLYCAN COMPLEX GEL FOR TISSUE REGENERATION TEMPLATES	Kwangwoo Nam
CT26b	Aggregation and Gelation of Aromatic Polyamides with Parallel and ANti-parallel Dipoles along the Linear Backbone	Dan Zhu
CT27b	INTERPENETRATING POLYMER NETWORKS OF POLYACRYLAMIDE AS DRUG DELIVERY SYSTEMS	Elena Vassileva
CT28b	Stimulus Response Behavior of Cholesteric Elastomers and Gels	Kenji Urayama