

Number	Title	Authors
Topic 1 Chemistry and fundamentals of the sol-gel process and non-conventional synthesis methods		
P1	Hydrosilylation of Polyethylene glycol - How to circumvent the issue of the isomerization side reaction?	Graillet Alain (FRA) - Bouvet-Marchand Agathe (FRA) - Chatard Camille (FRA) - Boutevin Gilles (FRA) - Grosso David (FRA) - Loubat Cédric (FRA)
P2	Textural control of mesostructured H3PW12O40/SBA-15 catalyst for the selective alkylation of resorcinol to 4-tert-butylresorcinol.	Pezzotta Chiara (BEL) - Fleury Guillaume (BEL) - Gaigneaux Eric (BEL)
P3	A novel approach for the fabrication of layered double hydroxides: reconstruction or sol-gel synthesis?	Kareiva Aivaras (LTU) - Smalenskaite Aurelija (LTU) - Salak Andrei N. (PRT) - Beganskiene Aldona (LTU) - Ferreira Mario G. S. (PRT)
P4	Mechanical and thermal properties of different molecular structure of sol-gel derived methacrylate siloxane hybrid material	Kim Yun Hyeok (KOR) - Choi Gwang-Mun (KOR) - Bae Byeong-Soo (KOR)
P5	Kinetics of resorcinol-formaldehyde polycondensation by DSC and low field NMR	Kinnertová Eva (CZE) - Slovák Václav (CZE)
P6	Nonhydrolytic synthesis of porous aluminosilicates and -phosphates	Pinkas Jiri (CZE) - Holmanova Katerina (CZE) - Machac Petr (CZE) - Styskalik Ales (CZE) - Moravec Zdenek (CZE)
P7	From colloidal solutions to superconducting nanocomposite ceramic layers of HTSC-YBCO.	Ricart Susana (GBR) - Li Ziliang (ESP) - Chamorro Natalia (ESP) - Palau Anna (ESP) - Gazquez Jaume (ESP) - Mundet Bernat (ESP) - Coll mariona (ESP) - Ros Josep (ESP) - Yañez Ramon (ESP) - Puig Teresa (ESP) - Obradors Xavier (ESP)
P8	Influence of organic functional groups on the sol-gel silica network growth	Szczurek Anna (POL) - Krzak Justyna (POL) - Kaleta Jerzy (POL) - Paszkowski Maciej (POL)
P9	Non-hydrolytic sol-gel synthesis of crystalline zirconia: a dynamic system	Tana Francesca (ITA) - Serafini Andrea (ITA) - Variola Fabio (CAN) - Bondioli Federica (ITA) - De Nardo Luigi (ITA)
P10	A new type of supermolecular gel with a unique self-assemble in different solvents: An POSS based aspartate derivative dendrimer gelator	Wang Xu (CHN) - Chen Si (CHN) - He Huiwen (CHN) - Ma Meng (CHN)
P11	Relevance of thermal analysis for sol-gel derived nanomaterials	Zaharescu Maria (ROU) - Zaharescu Maria (ROU) - Predoana Luminita (ROU) - Pandelescu Jeanina (ROU)
Topic 2 Functional organic and inorganic hybrid materials		
P12	Enhanced dielectric constant and suppressed dielectric loss of polymer composites based on P(VDF-HFP) and TiO ₂ fillers	Wang Qianqian (CHN) - Xu Nuoxin (CHN) - Xiao Xingrong (CHN) - Zhang Qilong (CHN) - Yang Hui (CHN)
P13	Functionalization of Nano-Graphene Oxide for Selective Adsorption of Anthracene from Wastewater	Armaghan Mahsa (IRN) - Niknam Mohammad Sadegh (IRN) - Pour Amini Mostafa (IRN)
P14	New luminescent nanohybrids based on silica, d and f silylated complexes: new tools for biological media analysis	Sábio Rafael Miguel (BRA) - Menu Marie-Joëlle (FRA) - Caiut José Maurício Almeida (BRA) - Gressier Marie (FRA) - Santagneli Silvia Helena (BRA) - Ribeiro Sidney José Lima (BRA)
P15	Preparation of fluoroalkyl end-capped vinyltrimethoxysilane oligomer/boric acid nanocomposites – encapsulated a variety of organic molecules possessing no weight loss behavior	Aomi Yuta (JPN) - Nishida Masakazu (JPN) - Sawada Hideo (JPN)
P16	Electrooptical devices based on liquid crystals dispersions in hybrid organic-inorganic mixed oxides of silicon and vanadium synthesized by the sol-gel method	Castellón Erick (CRI) - Cascante José (CRI)
P17	Photochromic hybrid materials doped with vinylidene-naphthofurans	Coelho Paulo (PRT) - Sousa Ceu (PRT)
P18	Hybrid Field Effect Transistors (HFET), a fully covalent transistor with a Pi-conjugated organosilica material	Dautel Olivier (FRA) - Roche Gilles Henri (FRA) - Thuau Damien (FRA) - Valvin Pierre (FRA) - Clevers Simon (BEL) - Tjoutis Thomas (FRA) - Chambon Sylvain (FRA) - Flot David (FRA) - Geerts Yves H. (BEL) - Moreau Joel J. E. (FRA) - Wantz Guillaume (FRA)
P19	Ionic silsesquioxanes as metal nanoparticle stabilizer and crosslinking agent in antimicrobial systems	de Menezes Eliana Weber (BRA) - Haas Costa Tania Maria (BRA) - Schneid Andressa da Cruz (BRA) - Pereira Marcelo Barbalho (BRA) - Benvenuti Edilson Valmir (BRA)
P20	Preparation and application of fluoroalkyl end-capped vinyltrimethoxysilane oligomer/cellulose nanofiber composites	Endo Yui (JPN) - Oikawa Yuri (JPN) - Sawada Hideo (JPN)

P21	Innovative ways to stabilize catalysts for biomass transformation reactions	GIREL Etienne (FRA) - CHAUMONNOT Alexandra (FRA) - CABIAC Amandine (FRA) - TUEL Alain (FRA) - BESSON Michèle (FRA)
P22	Preparation of Organic-Inorganic Hybrid Polymer Films Using [Ti ₄ (μ ₃ -O)(OPri) ₅ (μ-OPri) ₃ (PhPO ₃) ₃] thf	Gunji Takahiro (JPN) - Tsukada Satoru (JPN) - Hayami Ryohei (JPN) - Wada Keisuke (JPN)
P23	In Vivo Toxicity Of Glycerol Coated Iron Oxide Nanoparticles	Predoi Daniela (ROU) - Iconaru Simona (ROU) - Beuran Mircea (ROU) - Prodan Alina Mihaela (ROU) - Ciobanu Carmen (ROU) - Turculeu Claudiu (ROU) - Soare Marian (ROU)
P24	Synthesis and properties of cage octasilicate polymers cross-linked by alcohols	Igarashi Takahiro (JPN) - Gunji Takahiro (JPN) - Tsukada Satoru (JPN)
P25	Graphene-Mediated Enhanced Raman Scattering (GERS) substrate through molecular imprinting approach for selective detection of paraoxon in water	Jiang Yu (ITA) - Carboni Davide (ITA) - Malfatti Luca (ITA) - Innocenzi Plinio (ITA)
P26	Influence of organic chain length on melting gel formation and properties	Jitianu Andrei (USA) - Picard Quentin (USA) - Akalonu Grant (USA) - Aparicio Mario (ESP) - Mosa Jadra (ESP) - Klein Lisa (USA)
P27	Te@Rсорcinol-formaldehyde@TbCO ₃ OH 1D luminescent structures	Rodrigues de Camargo Vanessa (BRA) - Rosa da Silva Robson (BRA) - José Lima Ribeiro Sidney (BRA)
P28	Design and preparation of styryl decorated oligomeric silsesquioxanes for catalysis	Laird Mathilde (FRA) - Unno Masafumi (JPN) - Ouali Armelle (FRA) - Wong Chi Man Michel (FRA)
P29	Graphene Enhanced Raman Scattering meets Molecular Imprinting: A novel strategy to improve the selective efficiency of graphene-based sensing platforms	Carboni Davide (ITA) - Jiang Yu (ITA) - Faustini Marco (FRA) - Malfatti Luca (ITA) - Innocenzi Plinio (ITA)
P30	Sorption properties of bifunctional silica microspheres to metal and organic compounds for complex water treatment	Melnyk Inna (SVK) - Tomina Veronika (UKR) - Stolyarchuk Nataliia (UKR) - Vaclavikova Miroslava (SVK)
P31	Bacterial Cellulose with Functional Properties	Monteiro Andreia (BRA) - Wong Chi Man Michel (FRA) - Barud Hernane (BRA) - José Lima Ribeiro Sidney (BRA)
P32	Investigation of the sealing effect of organic-inorganic hybrid films on the lifetimes of polymer light-emitting diodes fabricated using the sol-gel method	Ohtani Naoki (JPN) - Kimura Shimpei (JPN) - Jitsui Yusuke (JPN)
P33	Development of a joining technique by sol gel process	CORNILLON Laurence (FRA) - PEETERBROECK Sophie (BEL) - POELMAN Mireille (BEL)
P34	Preparation of a variety of fluoroalkyl end-capped oligomers/alkyl modified cellulose nanocomposites possessing the LCST characteristic	Sato Ryota (JPN) - Oikawa Yuri (JPN) - Sawada Hideo (JPN)
P35	Molecular recognition technology adsorbents by sol-gel approach	Seisenbaeva Gulaim (SWE) - Polido Legaria Elizabeth (SWE) - Pogorilyi Roman (UKR) - Melnyk Inna (UKR) - Zub Yuriy (UKR) - Kessler Vadim (SWE)
P36	Transition metal based hybrid metal oxide synthesis via sol-gel route and their structural investigation	Singh Rajeev (IND) - Mishra Neeraj (IND) - Chaudhary Pratibha (IND) - Kumar Amit (IND)
P37	Preparation of metal complex-containing polysiloxane or polysilsesquioxane films	Tsukada Satoru (JPN) - Sagawa Takuya (JPN) - Takemasa Midori (JPN) - Gunji Takahiro (JPN)
P38	Preparation and property of fluoroalkyl end-capped oligomeric composite gels	Yasuta Masato (JPN) - Aomi Yuta (JPN) - Chiba Masaya (JPN) - Sawada Hideo (JPN)
Topic 3	Nano- and micro-structured materials: particles, colloids, fibers, self-assembly, composites	
P39	Fabrication and Magnetic Properties of Co-Ni core-shell Nanorods arrays	Wang Jing (CHN) - Hu Jun (CHN)
P40	Sol-gel siloxane encapsulation of quantum dots for application of thermally stable display phosphor resins	Kim Hwea Yoon (KOR) - Kim Yun Hyeok (KOR) - Jang Junho (KOR) - Bae Byeong-Soo (KOR)
P41	Graphene/Ti ₃ C ₂ nanocomposite as an effective electrode material for capacitive deionization	Yu Yun (CHN) - Feng Aihu (CHN) - Zhang yuzhi (CHN) - Cao Yunzhen (CHN) - Le Jun (CHN) - Song Lixin (CHN) -
P42	Electrostatic-force-induced self-assembly for synthesizing graphene-coated ZnO composite with enhanced photocatalytic performance	Zhang Yunlong (CHN) - Zhang Yuzhi (CHN) - Song Lixin (CHN) - Wu Lingnan (CHN) - Zhang Tao (CHN)
P43	Influence of negative charge density of metalate slabs in layered metalates on their exfoliation	Ban Takayuki (JPN) - Wakita Takahiro (JPN) - Ohya Yutaka (JPN)

P44	Ionic silsesquioxanes as vehicle for metal nanoparticles dispersion in silica based materials	Benvenuti Edilson Valmir (BRA) - Nunes Ramos Michael (BRA) - Ticona Arenas Leliz (BRA) - Haas Costa Tania Maria (BRA) - Weber de Menezes Eliana (BRA)
P45	Textile nanocomposite coatings based on Copper-doped Zinc Oxide into microCellulose matrix with antimicrobial and photocatalytic properties	Busila Mariana (ROU) - Musat Viorica (ROU) - Dinica Rodica (ROU) - Enachescu Marius (ROU)
P46	Benzoyl chloride and para-aminobenzoic acid functionalized TiO ₂ @SiO ₂ glass ceramic nanoparticles	Carrera Jota María Luz (MEX) - Rivera Becerril Ernesto (MEX) - Morales Ramirez Ángel de Jesús (MEX) - García Hernández Margarita (MEX)
P47	Synthesis of ABO ₃ perovskite type nanoparticles.	Chamorro Natalia (ESP) - Ros Josep (ESP) - Yañez Ramon (ESP) - Ricart Susana (ESP)
P48	Characterization of amber colored silica glass	Chang Alvin (USA) - He Yujuan (USA) - Chang Chih-hung (USA)
P49	Elaboration of mixed oxide Ti/Zr and Ti/V functional nanoparticles	Cheng Khley (FRA) - Chhor Khay (FRA) - Kanaev Andrei (FRA)
P50	Nucleation and crystallization of tin oxide nanodots into silica based xerogels. A wide angle x-ray scattering quantitative study.	Costille Benjamin (FRA) - Dumoulin Matthieu (FRA) - Thune Elsa (FRA) - Guinebretiere René (FRA)
P51	Preparation and characterization of Silicon-carbon composite powders using recycled Silicon from solar cells as anode material in Li-ion batteries	Eshraghi Nicolas (BEL) - Berardo Loris (BEL) - Mahmoud Abdelfattah (BEL) - Cloots Rudi (BEL) - Boschini Frédéric (BEL) -
P52	Fabrication of oriented and multilayered metal-organic frameworks thin films grown on Cu(OH) ₂ nano crystals via heteroepitaxial growth	Ikgaki Ken (JPN) - Falcaro Paolo (AUT) - Okada Kenji (JPN) - Doonan Christian (AUS) - Tokudome Yasuaki (JPN) - Takahashi Masahide (JPN)
P53	Preparation and Properties of Soluble Ladder-like Polysilsesquioxane Containing Phosphonic Acid Side-chain Groups	Kaneko Yoshiro (JPN) - Harada Akiyuki (JPN) - Shikinaka Kazuhiro (JPN) - Ohshita Joji (JPN)
P54	Fabrication of nanocomposite films composed of BaTiO ₃ and CoFe ₂ O ₄	Kawamura Go (JPN) - Oura Kentaro (JPN) - Muto Hiroyuki (JPN) - Matsuda Atsunori (JPN)
P55	Porous silica materials with fluorescent supramolecular complexes	Koshkin Alexander (RUS) - Bazhenova Yulia (RUS) - Lobova Natalia (RUS)
P56	Fast microfluidic chips prototyping: the sol-gel route	Levant Michael (FRA) - Chateau Denis (FRA) - Bartolo Denis (FRA) - Parola Stéphane (FRA)
P57	Low temperature selective catalytic reduction of NO _x by NH ₃ over Mn-Ce composite oxide catalysts	Li Weiman (CHN) - Chen Yunfa (CHN) - Zhang Jingkun (CHN)
P58	VO ₂ @SiO ₂ @Au core-shell particles for tuning the color of VO ₂ -based thermochromic smart films	Lu Xuanming (JPN) - Xiao Xiudi (CHN) - Xu Gang (CHN) - Kanamori Kazuyoshi (JPN) - Nakanishi Kazuki (JPN)
P59	Polymer nanocomposite hydrogel exhibiting both high mechanical strength and adhesive performance	Dong Zhaoxia (CHN) - Lin Meiqin (CHN) - Yang Zihao (CHN) - Zhang Juan (CHN) - Sun Feifei (CHN)
P60	Encapsulation of rose bengal photosensitizer in silica nanoparticles for improved photo-oxidation of methionine into useful pharmaceutical molecules	Mendoza Carlos (BEL) - Emmanuel Noémie (BEL) - Páez Carlos (BEL) - Monbaliu Jean-Christophe (BEL) - Dreesen Laurent (BEL) - Heinrichs Benoît (BEL)
P61	Self-Assembly of Silsesquioxanes Cubes: Synthesis Solid State Structure of Octa[2-(p-carboxyphenyl)ethyl] Silsesquioxane.	Moreau Joel (FRA) - Flot David (FRA) - Voisin Doria (FRA) - Van Der Lee Arie (FRA) - Dautel Olivier (FRA)
P62	Formation of Electrospun Me-Al-O Core-Shell Nanofibers	Grader Gideon (ISR) - Elishav Oren (ISR) - Beilin Vadim (ISR) - Shter Gennady (ISR)
P63	Structural characterization and luminescence properties of LaF ₃ :Eu ³⁺ nanocrystalline silica powders and transparent glass-ceramics prepared via sol-gel technique	Pawlik Natalia (POL) - Szpikowska-Sroka Barbara (POL) - Pisarski Wojciech (POL)
P64	New spray-drying synthesis of Na ₂ Ti ₃ O ₇ and Na ₂ Ti ₃ O ₇ /C powders for Li/Na-ion batteries	Piffet Caroline (BEL) - Boschini Frédéric (BEL) - Vertruyen Bénédicte (BEL) - Cloots Rudi (BEL)
P65	Nanostructure versatility thanks to amphiphilic organosilane	Arrachart Guilhem (FRA) - Besnard Romain (FRA) - Cambedouzou Julien (FRA) - Pellet-Rostaing Stéphane (FRA) - Winkler Robert
P66	Hydroxyapatite-phosphate glass nano-composites with functional dopants, for biomedical applications	Sava Bogdan (ROU) - Boroica Lucica (ROU) - Shikimaka Olga (MDA) - Grabco Daria (MDA) - Tardei Christu (ROU) - Popa Mihaela (MDA) - Iordanescu Raluca (ROU) - Elisa Mihail (ROU)
P67	The tailoring of calcium-silicate-hydrates in Portland cement systems: a sol-gel approach to nucleation seeding	Shakil Muzzamil (GBR) - Calabria-Holley Juliana (GBR) - Paine Kevin (GBR) - Ansell Martin (GBR)

P68	Characterization of 1D silicon nitride fiber reinforced mullite matrix composites fabricated by sol-gel process	Sun Xun (CHN) - Liu Haitao (CHN) - Jiang Ru (CHN) - Cheng Haifeng (CHN)
P69	Spontaneous pattern formation induced by Bénard-Marangoni convection for sol-gel-derived titania dip-coating	Uchiyama Hiroaki (JPN) - Kozuka Hiromitsu (JPN) - Matsui Tadayuki (JPN)
P70	Li ⁺ activated nanohydroxyapatite doped with Eu ³⁺ ions enhances proliferative activity and viability of human stem progenitor cells of adipose tissue and olfactory ensheathing cells.	Wiglusz Rafael (POL) - Marycz Krzysztof (POL) - Sobierajska Paulina (POL) - Smieszek Agnieszka (POL) - Maredziak Monika (POL) - Wiglusz Katarzyna (POL)
P71	Bio-inspired assembly of hierarchical nest-like CuO microspheres via protein directing for high-performance sodium-ion battery	Wu Liang (CHN) - Li Yu (CHN) - Su Bao-Lian (BEL)
P72	Silica-isolated Ag arrays on PS microspheres as micro-sized system for metal-enhanced fluorescence	Yang Hui (CHN) - Shen Qianhong (CHN) - Shen Xin (CHN) - Cheng Di (CHN) - Cao Xudan (CHN)
P73	Wet Chemistry Template Directed Synthesis of Multiple Metal Compound Nanostructure	Zhu Liping (CHN)
P74	pH-sensitive gels consisting of vesicles formed from perfluorodecanoic acid	Zihao Yang (CHN) - Meiqin Lin (CHN) - Dong Zhaoxia (CHN) - Zhang Juan (CHN)
Topic 4	Porous materials (aerogels, xerogels, cryogels, template-based) and hierarchical structured materials	
P75	Mechanically reinforced silica aerogel with low thermal conductivity by co-gelation of silica sol with silane terminated pre-polymers	Iswar Subramaniam (CHE) - Malfait Wim J. (CHE) - Zhao Shanyu (CHE) - Koebel Matthias M. (CHE) - Lattuada Marco (CHE) - Snellings Geert (BEL)
P76	Properties of Polyurea Aerogels and the Transformation into Carbon Aerogels	Zhang Zhihua (CHN) - Wu Xueling (CHN) - Shen Feng (CHN) - Wu Yu (CHN) - Zou Wenbing (CHN) - Shen Jun (CHN)
P77	Green-Aerogels: a new platform towards cost effective sustainable aerogel production	Nadargi Digambar (FRA) - Ruiz-González Francisco (FRA) - Philippe Kanda (FRA) - Goiti Eunat (ESP) - Vegas Iñigo (ESP) - Ocejó Marta (ESP)
P78	Preparation of aerogel monolith via ambient pressure drying	Aizawa Mamoru (JPN)
P79	Mesopore size of RF-xerogels for optimal water sorption capacity	Menéndez J. Angel (ESP) - Arenillas Ana (ESP) - Alonso-Buenaposa Isabel (ESP)
P80	The influence of aging time and molar ratios of reagents on the structure and mechanical properties of native and cellulose modified silica aerogels	Babiarczuk Bartosz (POL) - Krzak Justyna (POL) - Lewandowski Daniel (POL) - Kaleta Jerzy (POL)
P81	Si/Sn/Sb-Doped Carbon Xerogels for Li/Na-ion Batteries	Carabeta Joseph (BEL) - Job Nathalie (BEL) - Leonard Alexandre (BEL) - Piedboeuf Marie-Laure (BEL)
P82	Permeability in nano composites gels: Knudsen and Klinkenberg approach	Wognier Thierry (MTQ) - Anes Liz (VEN) - Calas-Etienne Sylvie (FRA) - Primera Juan (VEN) - Etienne Pascal (FRA)
P83	High temperature mechanical and thermal properties of carbon aerogel composites for thermal insulations	Feng Junzong (CHN) - Jiang Yonggang (CHN) - Feng Jian (CHN)
P84	Synthesis of hierarchically porous niobium phosphate (NbP) monolith by sol-gel method accompanied with phase separation	Gao Da-Ming (JPN) - Zhu Yang (JPN) - Kanamori Kazuyoshi (JPN) - Nakanishi kazuki (JPN) - Miyamoto Riichi (JPN) - Morisato Kei (JPN)
P85	Fabrication of macroscopic porous structure with boehmite nanofibers	Hayase Gen (JPN)
P86	Preparation of polymethylsiloxane aerogel from organo-bridged alkoxyxilanes	Kakegawa Takayuki (JPN) - Kimura Tomoki (JPN) - Shimizu Taiyo (JPN) - Kanamori Kazuyoshi (JPN) - Nakanishi Kazuki (JPN)
P87	Periodic mesoporous organosilicas containing bridged positively charged 1,4-diazoniabicyclo[2.2.2]octane dichloride	Grando Silvia Regina (BRA) - Haas Costa Tania Maria (BRA) - Benvenuti Edilson Valmir (BRA) - Campo Leandra Franciscato (BRA)
P88	New analytical methods for sol-gel materials - Quantitative solid-state NMR of the surface chemistry and QENS of the dynamics of silica aerogels	Malfait Wim (CHE) - Verel Rene (CHE) - Rentsch Daniel (CHE) - Fanni Juranyi (CHE) - Zhao Shanyu (CHE) - Koebel Matthias (CHE)
P89	Chitosan-based aerogel beads as reversible CO ₂ adsorbents	Niemeyer Philipp (DEU) - Ganesan Kathirvel (DEU) - Milow Barbara (DEU) - Ratke Lorenz (DEU)
P90	Sol-gel preparation of macroporous niobium oxide monolith	Sato Yuji (JPN) - Zhu Yang (JPN) - Kanamori Kazuyoshi (JPN) - Nakanishi Kazuki (JPN)

P91	Structural Improvement of Chitosan Aerogel Leveraging the Oxidization Reactions	Feng Jian (CHN) - Zhang Sizhao (CHN) - Feng Junzong (CHN) - Jiang Yonggang (CHN)
P92	Insights into olefins epoxidation on SiO ₂ -TiO ₂ catalysts with enhanced textural properties: towards the conception of a bio-inorganic hybrid catalyst	Smeets Valentin (BEL) - Debecker Damien (BEL)
P93	An efficient preparation of aerogels from methyltrimethoxysilane and their properties	Ueoka Ryota (JPN) - Shimizu Taiyo (JPN) - Kanamori Kazuyoshi (JPN) - Nakanishi Kazuki (JPN)
P94	Silica with large mesopores for lipase immobilization	Virgili Anike Hübner (BRA) - Charqueiro Douglas Santana (BRA) - Matte Carla (BRA) - Poppe Jakeline (BRA) - Hertz Plinho Francisco (BRA) - Haas Costa Tania Maria (BRA) - Benvenuti Edilson Valmir (BRA) - de Menezes Eliana Weber (BRA)
P95	Transparent, robust and superinsulating polyvinylpolysilsesquioxane aerogels	Zu Guoqing (JPN) - Kanamori Kazuyoshi (JPN) - Nakanishi Kazuki (JPN) - Shimizu Taiyo (JPN) - Zhu Yan (JPN)
P96	Hierarchically structured TiO ₂ for high performance lithium ion batteries	Li Yu (CHN) - Jin Jun (CHN) - Ren Xiaoning (CHN)
P97	The preparation and properties of cross-linked polyimide aerogels via diffusion of imidization reagents at low temperature	Liu Tao (CHN) - Li Wenjing (CHN) - Hu Yang (CHN) - Zhang Iijuan (CHN) - Hou Shaohua (CHN) - Jian Wenzheng (CHN) - Liu Bin (CHN) - Zhao Yingmin (CHN)
Topic 5 Biomaterials, biohybrids and bioinspired materials		
P98	Development of an efficient hybrid silica/chitosan support for enzyme immobilization.	Costa Tania Maria Haas (BRA) - Ricardi Natália Carminatti (BRA) - Menezes Eliana Weber de (BRA) - Hertz Plinho Francisco (BRA) - Schoffer Jessie da Natividade (BRA) - Hackenhaar Camila Regina (BRA) - Benvenuti Edilson Valmir (BRA)
P99	Antimicrobial evaluation of Silver Doped Hydroxyapatite Layers obtained by Sol-Gel Method	Prodan Alina Mihaela (ROU) - Iconaru Simona (ROU) - Ciobanu Carmen (ROU) - Negri Catalin (ROU) - Ghita Rodica (ROU) - Iosif Alin (ROU) - Predoi Daniela (ROU) - Beuran Mircea (ROU) - Turculet Claudiu (ROU)
P100	Controlled electrochemical deposition of bioinspired collagen coatings and their biological evaluations	Weng Wenjian (CHN) - Zhuang Junjun (CHN) - Shen Ge (CHN) - Cheng Kui (CHN)
P101	Evaluation of bone-hemostasis materials fabricated with sugar-containing hydroxyapatite and natural plant-derived polymer	Noh Yeonjeong (JPN) - Umeda Tomohiro (JPN) - Musha Yoshiro (JPN) - Sasaki Tetsuo (JPN) - Itatani Kiyoshi (JPN)
Topic 6 Carbon and hybrid carbon-based gels		
P102	The effect of the surface oxidation degree on the adsorption properties of carbon cryogels	Hotová Gabriela (CZE) - Slovák Václav (CZE)
P103	Tuning of flexible carbon aerogels by spherical templating	Elsaesser Michael (AUT) - Salihovic Miralem (AUT) - Hüsing Nicola (AUT)
P104	Texture tailoring of nitrogen-doped carbon xerogels for their use as electrodes in energy storage applications	Salinas-Torres David (BEL) - Stergiopoulos Vaios (BEL) - Léonard Alexandre F. (BEL) - Job Nathalie (BEL) - Busby Yan (BEL) - Pireaux Jean-Jacques (BEL) - da Silva Pires Mathieu (BEL)
P105	In-situ investigation on flexibility of elastic carbon aerogels	Schwan Marina (DEU) - Ratke Lorenz (DEU)
P106	Graphene-doped carbon xerogel for aqueous supercapacitors	Arenillas Ana (ESP) - Menéndez J. Angel (ESP) - Canal-Rodríguez María (ESP)
Topic 7 Protective and functional coatings and thin films		
P107	Plasma and chemical functionalization of particles for a better dispersion in solution	Barthélémy Bastien (BEL) - Dropsit Sophie (BEL) - Lucas Stephane (BEL) - Ruelle Benoit (BEL)
P108	Advanced hybrid sol-gel coatings for aeronautical applications: industrial needs and new developments	Deliane Florent (FRA) - Granger Jeanne-Marie (FRA) - Stimpfling Thomas (FRA)
P109	Melting gels coatings for corrosion protection of Magnesium Alloy AZ31B based on different mono- and di-substituted silanes	Mosa J. (ESP) - Jitianu A. (USA) - Rodriguez Gabriela (USA) - Al-Mazorki K. (USA) - Klein L. C. (USA) - Aparicio M. (ESP)
P110	Development and characterization of conductive sol-gel coatings for corrosion protection of 316L Steel	Altube Ainhoa (ESP) - Garcia-Lecina Eva (ESP) - Grande Hans Jurgen (ESP) - Diez Jose Antonio (ESP)
P111	A low-temperature synthesis of SiO ₂ /TiO ₂ nanocomposite films on polystyrene for light-induced cell detachment application&	Cheng Kui (CHN) - Cheng Zhiguo (CHN)

P112	Functional nanomaterials for biomedical applications	Dadi Rania (FRA) - Azouani Rabah (FRA) - Traoré Mamadou (FRA) - Mielcarek Christine (FRA) - Kanaev Andrei (FRA)
P113	Development of mesoporous sol-gel film for anti-fingerprint applications on glass	Druart Marie-Eve (BEL) - Recloux Isaline (BEL) - Billet Sophie (BEL) - Derouaux Adeline (BEL) - Van De Weerd Cécile (BEL) - Olivier Marie-Georges (BEL)
P114	Use of sol-gel route to protect stainless steel against fouling in power plants	Peeterbroeck Sophie (BEL) - Senechal Tangi (BEL) - Onderwater Rob (BEL) - Poelman Mireille (BEL) - Wegria Guillaume (BEL) - Cumbo Danila (ITA)
P115	Development of functionalized green coating by sol-gel process on complex items in aluminium alloy	Genet Clément (FRA) - Menu Marie-Joëlle (FRA) - Ansart Florence (FRA) - Gressier Marie (FRA)
P116	Protection of heterogenous catalysts by a thin mesoporous silica layer	Haynes Tommy (BEL)
P117	Development of superhydrophilic hybrid hard coatings on polyethylene terephthalate (PET) substrate using modified sol-gel processes	Liu Kuan-ting (TWN) - Chien-Cheng Kuo (TWN) - Ya-Chen Chang (TWN) - Cheng-Chung Lee (TWN) - Hung-Sen Wei (TWN) - Chia-Hua Chan (TWN)
P118	Anti-Glare Coating with a High Scratch-Resistance and Hardness Functions Prepared by a Sol-Gel Process	Kim Ki-Chul (KOR) - Jang Jin Ho (KOR)
P119	Preparation and photo-thermal properties of novel micro/nano multi-scaled structured solar selective coatings	Liu Yong (CHN) - Wang KK (CHN) - Wu ZZ (CHN) - Khan Shahid (CHN) - Hua CZ (CHN) - Song CL (CHN) - Han GR (CHN)
P120	Ultrasonic spray deposition of electrochromic oxide films	Maho Anthony (BEL) - Colson Pierre (BEL) - Manceri Laura (BEL) - Henrist Catherine (BEL) - Vertruyen Bénédicte (BEL) - Cloots Rudi (BEL)
P121	The effect of SiO ₂ -Y ₂ O ₃ coatings produced by sol-gel method on the behavior of stainless steel 316L in a simulated body fluid	Mazur Anna (POL) - Chęćmanowski Jacek (POL) - Szczygiel Bogdan (POL)
P122	Validation of a TEOS based sol-gel coating for the protection of carbon fibres against oxidation regarding their use in metal matrix composites	Montrieux Henri-Michel (BEL) - Lecomte-Beckers Jacqueline (BEL) - Halleux Jacques (BEL)
P123	Developing a hybrid sol-gel coating with good corrosion protection for maritime and aerospace applications	Mussa Magdi (GBR) - Wang Heming (GBR)
P124	Sol-gel TiO ₂ based films for sensing applications	Predoana Luminita (ROU) - Preda Silviu (ROU) - Zaharescu Maria (ROU) - Anastasescu Mihai (ROU) - Calderon-Moreno Jose Maria (ROU) - Nicolescu Madalina (ROU) - Chesler Paul (ROU) - Gartner Mariuca (ROU)
P125	UV-curable hard coatings for OLED applications	Provost Marion (FRA) - Mairon Tony (FRA) - Gaud Vincent (FRA)
P126	Beneficial effect of yttrium sol-gel coating on the high temperature oxidation of a commercial stainless steel at 900°C	Riffard Frédéric (FRA) - Perrier Sébastien (FRA) - Buscaill Henri (FRA)
P127	Textile finishing and functionalization by means of sol-gel-based systems	Textor Torsten (DEU) - Mahltig Boris (DEU)
P128	Compatibility between mesoporous sol-gel thin films and epoxy primers for corrosion protection of 2024 aluminum alloys substrates	Thai Thu Thuy (BEL) - Recloux Isaline (BEL) - Druart Marie-Eve (BEL) - Trinh Anh Truc (VNM) - Olivier Marie-George (BEL)
P129	Sol-gel synthesis, characterization and antifungal properties of MgO, ZnO and Mg/Zn oxide nanoparticles developed for the protection of stone heritage	Sierra Fernández Aranzazu (ESP) - De la Rosa García Susana del Carmen (MEX) - Gómez Cornelio Sergio (MEX) - Gomez Villalba Luz Stella (ESP) - Rabanal María Eugenia (ESP) - Fort Rafael (ESP) - Quintana Patricia (MEX)
P130	Silica-zirconia sol-gel coatings on pristine polycarbonate. How to tune the mechanical properties ?	Toury Bérangère (FRA) - Lebail Nicolas (FRA) - Lioni Krystelle (FRA) - Benayoun Stéphane (FRA)
P131	Sol-gel synthesis and low-temperature deposition of thin SiO ₂ layers as scratch resistant coatings for functional films	Van Zele Matthias (BEL) - Van Driessche Isabel (BEL) - De Buysser Klaartje (BEL)
P132	The effect of alkyl and aryl functional groups on the anti-corrosion properties of inorganic-organic hybrid silica coatings: corrosion protection of iron.	Vella Daniel Alfred (MLT) - Sinagra Emmanuel (MLT) - Cini Diana Kuzova (MLT)
P133	Laser Damage Resistant, Moisture-Proof and Environmentally Stable Antireflective Coating for KDP Crystals	Wang Xiaodong (CHN) - Cao Yuanyuan (CHN) - Zhang Zhihua (CHN) - Shen Jun (CHN)
P134	Synthesis and thin film deposition of scratch-resistant hybrid silica coatings with an increased flexibility	Watté Jonathan (BEL) - Van Zele Matthias (BEL) - Van Driessche Isabel (BEL) - De Buysser Klaartje (BEL)
P135	Density and porosity control of ceramic coatings materials derived by sol-gel synthesis at low-to-moderate processing temperatures	Mandic Vilko (FRA) - Nivot Christelle (FRA) - Tricoteaux Arnaud (FRA) - Champagne Philippe (FRA)

Topic 8 Characterization and modelling techniques for sol-gel materials

- P136 Dyes and COD retention by ceramic membrane Belouatek Aissa (DZA)
- P137 Characterization of aerogel microstructure by positron annihilation spectroscopy and gas adsorption techniques Petkov Mihail (USA) - Jones Steven (USA)
- P138 Comprehensive prediction, modeling, and realization of multifunctional sol-gel coatings for optical applications Felde Nadja (DEU) - Tünnermann Andreas (DEU) - Duparré Angela (DEU) - Schröder Sven (DEU) - Coriand Luisa (DEU)
- P139 Mechanical properties and decohesion of sol-gel coatings on metallic and glass substrates Mercier David (BEL) - Nicolay Arnaud (BEL) - Libralesso Laure (BEL) - Daniel Alain (BEL) - Olivier Marjorie (BEL)

Topic 9 Sol-gel materials for (photo)catalysis and membranes

- P140 Advanced Oxidative Treatment for Waste Water Contaminated by Pharmaceutical Products Belet Artium (BEL) - Vreuls Christelle (BEL) - Gillard Nathalie (BEL) - Wolf's Cédric (BEL) - Pirard Sophie (BEL) - Heinrichs Benoît (BEL) - Lambert Stéphanie D. (BEL)
- P141 Water decontamination by photocatalysis of ZnFe₂O₄ elaborated by sol-gel process Briche Samir (MAR) - Belaiche Mohammed (MAR)
- P142 Synthesis and Photoelectrochemical Properties of Mesoporous TiO₂ Film Embedded with Metallic Nanoparticles Couzon Nelly (FRA) - Maillard Mathieu (FRA) - Bois Laurence (FRA) - Brioude Arnaud (FRA)
- P143 Characterization of Ni nanocluster on silica support derived from PVP-stabilized Ni colloid and its application to water gas shift reaction Ichikuni Nobuyuki (JPN) - Takeishi Yuya (JPN) - Hara Takayoshi (JPN) - Shimazu Shogo (JPN)
- P144 Microwave assisted synthesis of photoactive materials onto textile substrates Mahltig Boris (DEU) - Miao Haoqian (DEU)
- P145 Silylated porphyrin doped TiO₂ for visible-light photocatalyst Mahy Julien (BEL) - Paez Carlos (BEL) - Léonard Géraldine (BEL) - Wong Chi Man Michel (FRA) - Carcel Carole (FRA) - Tatton Andrew (BEL) - Dambon Christian (BEL) - Heinrichs Benoît (BEL) - Lambert Stéphanie (BEL)
- P146 Sol-gel synthesis and photocatalytic performance of Ti/Zr-coated carbon microspheres highly active under visible light irradiation Maldonado-Hódar Francisco Jose (ESP) - Hamad Hesham (ESP) - Bailón-García Esther (ESP) - Pérez-Cadenas Agustín F. (ESP) - Carrasco-Marín F. (ESP)
- P147 Small silver nanoparticles in pores of MCM-41 and SBA-15 and their catalytic properties in VOCs oxidation Mamontov Grigory (RUS) - Gorbunova Anna (RUS) - Litvyakona Natalia (RUS) - Vishegorodtseva Elena (RUS) - Zaikovskii Vladimir (RUS)
- P148 Photocatalytic N-doped TiO₂ films embedded with Au nanoparticles under visible light irradiation Matsunami Daichi (JPN) - Yamamoto Akifumi (JPN) - Sanada Tomoe (JPN) - Kojima Kazuo (JPN)
- P149 Study of the photocatalytic activity of Fe³⁺, Cr³⁺, La³⁺ and Eu³⁺ single-doped and co-doped TiO₂ catalysts produced by aqueous sol-gel processing Pirard Sophie (BEL) - Malengreaux Charline (BEL) - Léonard Géraldine (BEL) - Mahy Julien (BEL) - Hermann Raphaël (DEU) - Heinrichs Benoît (BEL) - Bartlett John (AUS)
- P150 Sol-gel immobilized N-heterocyclic carbene gold complex as a recyclable catalyst for the rearrangement of allylic esters and the cycloisomerization of γ -alkynoic acids Pleixats Roser (ESP) - Cattoën Xavier (FRA) - Wong Chi Man Michel (FRA) - Ferré Meritxell (ESP)
- P151 Construction of a clean process with colloid derived NiO nanocluster catalysts for oxidation of 1-phenylethanol Sasaki Takuro (JPN) - Ichikuni Nobuyuki (JPN) - Hara Takayoshi (JPN) - Shimazu Shogo (JPN)
- P152 Silica modification of titania surface by photocatalyzed sol-gel reaction Nishikiori Hiromasa (JPN) - Matsunaga Shingo (JPN)

Topic 10 Sol-gel materials for energy and environmental applications

- P153 Electrochemical performances of Li₄Mn₅O₁₂ prepared by spray-coating assisted sol-gel reaction. Alié Christelle (BEL), Paez Carlos (BEL) - Calberg Cédric (BEL) - Eskenazi David (BEL) - Liquet Dimitri (BEL) - Pirard Jean-Paul (BEL) - Heinrichs Benoît
- P154 Synthesis of ammonium persulfate loaded on SiO₂ aerogel microspheres as slowly-releasing breaker Chen Xiaohong (CHN) - Gong Yang (CHN) - Lei Yaofei (CHN) - Shen Yuanyuan (CHN) - Song Huaihe (CHN) - Wang Zaiming (CHN)
- P155 Development of innovative sol-gel processing way for the preparation of thermoelectric doped CaMnO₃ n-type bulk materials Combe Emmanuel (BEL) - Boschini Frederic (BEL) - Bastin Frederique (BEL) - Schrijnemakers Audrey (BEL) - Vertruyen Benedicte (BEL) - Cloots Rudi (BEL) - Funahashi Ryoji (JPN) - Thomassin Jean-Michel (BEL)
- P156 Conductivity measurement of PEMFC catalytic layers based on carbon xerogels and carbon black Deschamps Fabien (BEL) - Job Nathalie (BEL)

P157	CO ₂ adsorption of hierarchically porous silica monoliths after functionalization	Guo Xingzhong (CHN) - Ding Li (CHN) - Cheng Di (CHN) - Yang Hui (CHN)
P158	Silica-based thin film solid-state electrolytes for Lithium-ion microbatteries	Hartmann Korina (BEL) - Calberg Cédric (BEL) - Liquet Dimitri (BEL) - Heinrichs Benoît (BEL)
P159	Removal of Inert Organic Chemical Stressors (IOCS) from Wastewater by Adding Innovative Si based Compounds (Wasser 3.0, www.wasserdreinu.de)	Schuhen Katrin (DEU) - Herbolt Adrian Frank (DEU)
P160	Induced binding effect of cellulose-based building materials via sol-gel technology	Hussain Atif (GBR) - Calabria-Holley Juliana (GBR) - Jiang Yunhong (GBR) - Lawrence Michael (GBR)
P161	Carbon xerogels as model materials to study the behavior of hard carbons as anodes for lithium-ion batteries	Piedboeuf Marie-Laure (BEL) - Léonard Alexandre (BEL) - Job Nathalie (BEL)
P162	Reforming of toluene with bimetallic catalysts supported on alumina and synthesized by an aqueous sol-gel process	Lambert Stéphanie (BEL) - Claude Vincent (BEL) - Courson Claire (FRA)
P163	Comparison of the electrochemical performance of Li ₄ Ti ₅ O ₁₂ spinel as negative electrodes for lithium-ion batteries prepared by sol gel and spray drying methods	Mahmoud Abdelfattah (BEL) - Piffet Caroline (BEL) - Caes Sebastien (BEL) - Berardo Loris (BEL) - Cloots Rudi (BEL) - Vertruyen Bénédicte (BEL) - Boschini Frédéric (BEL) - Amarilla José Manuel (ESP) - Saadouné Ismael (MAR)
P164	Direct synthesis and electrochemical performance of organo-modified LiFePO ₄ nanoparticles derived from organo-phosphonic acid	Okada Kenji (JPN) - Kimura Ikumi (JPN) - Machida Ken-ichi (JPN)
P165	Influence of some parameters of the sol-gel process on physical characteristics of cerium oxide-based nanoparticles	Rocha Renata A. (BRA) - Porfirio Tatiane C. (BRA) - Muccillo Eliana N. S. (BRA)
P166	Development of Indium-free Transparent Conducting Oxides via the Sol-Gel Method	Skof Mirjam (GBR) - Fleming Ben (GBR) - Rushworth Simon (GBR) - Walker Adam (GBR)
P167	Design of Carbon-Silica Composite Aerogels as Oleophilic sorbents	Thakkar Swapneel Vijay (ITA) - Malfatti Luca (ITA) - Carboni Davide (ITA) - Loche Danilo (ITA) - Casula Maria (ITA) - Alberto Mariani (ITA)
P168	Synthesis and study of functionalized nanoporous materials for specific trapping of volatile organic compounds: production of reference emissive standard materials.	Tran Clarisse (FRA) - Crunaire Sabine (FRA) - Wojkiewicz Jean-Luc (FRA) - Coddeville Patrice (FRA) - Le Chevallier Guillaume (FRA) - Rivron Charles (FRA) - Tran-Thi Thu-Hoa (FRA)
P169	Metal Atom Clusters for Energy Saving Applications: New applicants in sol-gel process	Wilmet Maxence (FRA) - Chen Wanghui (JPN) - Uchikoshi Tetsuo (JPN) - Matsui Yoshio (JPN) - Hara Horu (JPN) - Grasset Fabien (JPN) - Cordier Stéphane (FRA) - Compoin François (FRA) - Teisseire Jérémie (FRA)
P170	Synthesis, characterization, and durability study of Pt-Co hollow nanoparticles deposited on carbon xerogel electrocatalysts for Proton Exchange Membrane Fuel Cells (PEMFC)	Zubiar Anthony (BEL) - Olu Pierre-Yves (JPN) - Dubau Laetitia (FRA) - Asset Tristan (FRA) - Maillard Frédéric (FRA) - Job Nathalie (BEL)
Topic 11	Sol-gel materials for health and medical applications (including controlled drug release)	
P171	Advanced nanoporous materials for controlled drug release	Benova Eva (FRA) - Zelenak V. (SVK) - Almasi M. (SVK) - Berge-Lefranc D. (FRA) - Hornebecq V. (FRA)
P172	SG CapTM technology as a tool for high-throughput multiplex diagnostics	Oste Christian (KOR) - Hwang Kyung Hoon (KOR) - Kim Soyoun (KOR)
P173	Detection of bacteria by analysis of volatile metabolites with functionalized nanoporous xerogels	Perret Emilie (FRA) - Marcoux Pierre R. (FRA) - Vrinaud Marjorie (FRA) - Texier-Nogues Isabelle (FRA) - Hue Jean (FRA)
P174	A titanium alkoxide complex as molecular model for surface interaction between drug and sol-gel derived titania nanoparticles for drug delivery	Svensson Fredric G. (SWE) - Seisenbaeva Gulaim A. (SWE) - Kessler Vadim G. (SWE)
P175	Microporous sol-gel silica and co-condensed silica as new materials for enabling delivery of challenging active pharmaceutical ingredients	Cresswell Mark (GBR) - Jackson Phil (GBR) - Gasparini Gilda (GBR)
P176	Optimization of hydroxyapatite synthesis via sol-gel process for bone reconstruction application	Tilkin Rémi (BEL) - Regibeau Nicolas (BEL) - Grandfils Christian (BEL) - Lambert Stéphanie D. (BEL)
P177	Microencapsulation of active ingredient using poly(lactic-co-glycolic acid) for dry powder inhaler	Valentin Morgane (BEL) - Cloots Rudi (BEL) - Vertruyen Bénédicte (BEL) - Boschini Frédéric (BEL)
P178	Multifunctional Bioactive and Magnetic Glass Nanoparticles for Bone Tissue Regeneration	Kesse Xavier (FRA) - Vichery Charlotte (FRA) - Rocchi Paul (FRA) - Nedelec Jean-Marie (FRA)
P179	Electrochemical evaluation of a light-addressable electrode based on TiO ₂	Welden Rene (DEU) - Binions Russell (GBR) - Wagner Torsten (DEU) - Schöning Michael J. (DEU) - Ratnasingham Sinclair R. (GBR)

Topic 12 Sol-gel materials for electronic, magnetic and ferroelectric applications

- P180 Effect of water content on porous structure of sol-gel silicate films Sigov Alexander (RUS) - Vishnevskiy Alexey (RUS) - Seregin Dmitry (RUS) - Vorotilov Konstantin (RUS) - Mogilnikov Konstantin (RUS)
- P181 Method comparison in the synthesis of magnetic nanoparticles Calvo de la Rosa Jaume (ESP) - Segarra Rubí Mercè (ESP) - Ruiz Izuriaga David (ESP)
- P182 Effects of varying Cr³⁺ on the structure, morphology and optical properties of in MgAl₂O₄:0.3% In³⁺, x% Cr³⁺ (0 ≤ x ≤ 0.3) synthesized by sol-gel technique Motloung Setumo (ZAF)
- P183 Emission of top layer on sol-gel processed SnO₂/TiO₂ heterostructure and presence of electrochemical capacitance in all-solid inorganic device Scalvi Luis (BRA) - Boratto Miguel (BRA) - Ramos Jr. Roberto (BRA)
- P184 Effect of carbon bridge content on sol-gel PMO films Vorotilov Konstantin (RUS) - Sigov Alexander (RUS) - Nenashev Roman (RUS) - Kotova Nina (RUS) - Baklanov Mikhail (CHN) - Yingjie Wang (CHN) - Jing Zhang (CHN)
- P185 Synthesis of Ba_{0.4}Sr_{0.6}Zr_xM_yTi_{1-x-y}O₃ nano-powders and ceramics using Sol-Gel technology Yu Ping (CHN) - Huang Kuo (CHN) - Ding Jianming (CHN) - Wang Zhi (CHN) - Zuo Xiaoyan (CHN) - Zhang Tao (CHN) - Feng Yilong (CHN)

Topic 13 Sol-gel materials for sensors, optic, photonic and optoelectronic applications

- P186 Low-temperature selfassembly of magnetic photonic crystals Andreeva Yulia (RUS) - Drozdov Andrey (RUS) - Vinogradov Vladimir (RUS)
- P187 Preparation of Na₂O-TiO₂-SiO₂ films by sol-gel method and their properties. Barton Ivo (CZE) - Matejec Vlastimil (CZE) - Mrazek Jan (CZE) - Predoana Luminita (ROU) - Zaharescu Maria (ROU)
- P188 Organic-inorganic hybrid material based on epoxy and vinyl ether groups to reduce the resid Etienne Pascal (FRA) - Eetienne-Calas Sylvie (FRA) - Bejjani Raghed (FRA) - Jabbour Jihane (LBN) - Medhi Ahmad (FRA) - Tauk Rabih (LBN)
- P189 Photostructurable sol-gel material doped with magnetic nanoparticles for magneto-optical applications Bidaud Clémentine (FRA) - Berling Dominique (FRA) - Soppera Olivier (FRA) - Royer François (FRA) - Neveu Sophie (FRA) - Gamet Emilie (FRA)
- P190 Synthesis and characterization of Tb³⁺-doped anatase hollow spheres by a template polymeric sol-gel route Colomer María Teresa (ESP) - Rodríguez Eugenia (ESP)
- P191 White light up-conversion in rare-earth doped BaYF₅ nanocrystals embedded in sol-gel silica glass Del-Castillo Javier (ESP) - Luis D. (ESP) - Yanes A.C. (ESP) - Smet P. F. (BEL)
- P192 Magnetic silica/titania xerogel applied as electrochemical biosensor for dopamine and catechol Deon Monique (BRA) - de Matos Morawski Franciele (BRA) - Ticona Arenas Leliz (BRA) - Haas Costa Tania Maria (BRA) - Weber de Menezes Eliana (BRA) - Benvenuti Edilson Valmir (BRA)
- P193 Non-linear optical study of mesostructured SiO₂:CTAB:DR1 films Jorge A Garcia-Macedo (MEX) - Gerardo Salas G. (MEX) - Ernesto Rodriguez-Rangel (MEX)
- P194 Gold Nanorod - Metal Oxide Gel Composites as SERS-Substrates Klemmed Benjamin (DEU) - Benad Albrecht (DEU) - Ziegler Christoph (SGP) - Eychmüller Alexander (DEU)
- P195 Incorporation of globin proteins in (designed) mesoporous titanium dioxide for biosensor development. Loreto Stefano (BEL) - Meynen Vera (BEL) - De Wael Karolien (BEL)
- P196 Development of hybrid sol-gel microfluidic devices for medical diagnostic applications. MacHugh Emma (IRL) - Duffy Brendan (IRL) - Oubaha Mohamed (IRL)
- P197 Arsenic sulfide layers prepared by sol-gel method from arsenic trichloride Matejec Vlastimil (CZE) - Pedlikova Jitka (CZE) - Barton Ivo (CZE)
- P198 Optical Properties of Organic-Inorganic Hybrid Thin Films Using Phosphate-modified Titania Nanoparticles Matsukawa Kimihiro (JPN) - Mitamura Koji (JPN) - Watase Seiji (JPN)
- P199 Optical Properties of Holmium-Doped Yttrium Aluminum Garnet Nanocrystals Encapsulated Inside a Silica Matrix Mrazek Jan (CZE) - Prochazkova Lenka (CZE) - Čuba Václav (CZE) - Mihóková Eva (CZE) - Nikl Martin (CZE)
- P200 Synthesis of hexagonal aluminate LaMgAl₁₁O₁₉ using non-hydrolytic sol-gel methods Nadherny Ladislav (CZE) - Dolezal Vaclav (CZE) - Jakes Vit (CZE) - Rubesova Katerina (CZE)
- P201 Structure and morphology transitions of sol-gel derived TiO₂ nanostructures in hydrothermal processes with Yb and Ho additives Nien Yung-Tang (TWN) - Hsu Ren-Yu (TWN)

P202	Body Temperature Controlled Optical and Thermal Information Storage Light Scattering Display with Fluorescence Wavelength Effect and High Mechanical Strength	Si Chen (CHN) - Wang Xu (CHN) - Ma Meng (CHN)
P203	Influence of dopants on the piezoelectric properties of ZnO films obtained by sol-gel method	Vladut Maria Cristina (ROU) - Mihaiu Susana (ROU) - Anastasescu Mihai (ROU) - Calderon Moreno Jose (ROU) - Stroescu Hermine (ROU) - Preda Silviu (ROU) - Moldovan Carmen (ROU) - Osiceanu Petre (ROU) - Gartner Mariuca (ROU) - Zaharescu Maria (ROU)
P204	Photo- and electroluminescent properties of polysilsesquioxane thin film incorporating aluminum complex	Watase Seiji (JPN) - Nakamura Masashi (JPN) - Mitamura Koji (JPN) - Matsukawa Kimihiro (JPN)
P205	Frequency down-conversion in lanthanide-doped materials assisted by photonic crystals	Almeida Rui (PRT) - Santos Luís (PRT) - Rojas-Hernandez Rocio (PRT)
P206	Detection of Cu(II) by core shell Ag@SiO ₂ @quercetin nanoparticle as Fluorescence sensor	Xu Li (CHN) - Jiang Weina (CHN) - Yang Shilong (CHN)
P207	Hybrid-sol-gel based optical ammonia sensor	Turel Matejka (SVN) - Nedeljko Polonca (SVN) - Lobnik Aleksandra (SVN)
Topic 14 Sol-gel materials for insulation		
P208	Impact of processing conditions on hydrothermal synthesis of F/Mn codoped SnO ₂ nanoparticles	Qiu Qi (CHN) - Lv Weizhong (CHN) - Zhang Dongping (CHN) - Wu Zhijun (CHN)
P209	Silica aerogel	Milow Barbara (DEU) - Heyer Markus (DEU) - Berkefeld André (DEU)
Topic 15 Industrialization of sol-gel science and technology		
P210	Up-scaling of hydrophilic water-based coatings for easy-to-clean and anti-staining applications	Daniel Alain (BEL) - Wicky David (BEL) - Le Cruz Sébastien (BEL) - Archambeau Catherine (BEL) - Mahy Julien (BEL) - Léonard Géraldine (BEL) - Liquet Dimitri (BEL) - Heinrichs Benoît (BEL)
P211	Optically transparent glass from microfluidic-assisted sol-gel method for 3D print	He Yujuan (USA) - Chang Alvin (USA) - Chang Chih-hung (USA)
P212	Pilot lines dedicated to the transfer of sol gel products for the development of dielectric barrier on steel for energy and opto-electronic applications	Lafort Adeline (BEL) - Fourdriner Lionel (BEL) - Archambeau Catherine (BEL) - Le Cruz Sébastien (BEL)
Topic 16 Sol-gel as alternative to PVD and other conventional industrial processes		
P213	Kinetic Optimisation of Zinc Oxide Nanowire Growth For Piezoelectric Nanogenerator Applications Through A Sol-Gel Process	Exantus Chellda (BEL) - Job Nathalie (BEL) - Alie Christelle (BEL) - Liquet Dimitri (BEL)
P214	Self-assembled monolayer-assisted inkjet printing of PZT films on platinumized silicon	Godard Nicolas (LUX) - Glinsek Sebastjan (LUX) - Sette Daniele (LUX) - Defay Emmanuel (LUX)
ADDENDUM		
P215	From metal oxide aerogels to high effective catalyst for MSR	Benad Albrecht (DEU) - Eychmüller Alexander (DEU)
P216	Hardness and network structures in ternary melting gels	Klein Lisa C. (USA) - Al-Marzoki Kutaibe (USA) - Jitanu Andrei (USA) - Rodriguez Gabriela (USA) - Picard Quentin (USA) - Zhang Fan (USA)