

	Sunday September 3	
	<i>ISGS 1-Day Workshop</i>	
8h00	<i>Registration</i>	
8h50	<i>Welcome</i>	
9h00	Lecture 1 : Ana Arenillas Organic and carbon xerogels: from lab to industry	
10h00	Lecture 2 : Gudrun Reichenauer Characteristic properties of carbon aerogels and their organic precursors and suitable methods for their analysis	
11h00	Coffee Break	
	<i>ISGS 1-Day Workshop</i>	
11h30	Lecture 3: Alain Celzard Organic and carbon gels derived from biosourced polyphenols	
12h30	Lunch	
	<i>ISGS 1-Day Workshop</i>	Welcome and Registration
14h00	Lecture 4: Francisco José Maldonado Hodar Fitting carbon gels and composites for environmental processes	
15h00	Lecture 5: Nathalie Job Carbon gels for electrochemical applications	
16h00	Welcome and Registration	
18h00	Welcome Cocktail	

Monday September 4									
8h00	Opening Ceremony								
9h00	KN-1: José-Luis FIGUEIREDO : Carbon gels with tuned properties for catalysis and energy storage								
	Chair : Ryong Ryoo								
10h00	Coffee Break								
	Session : Sol-gel materials for health and medical applications (including controlled drug release) Chair: David Avnir			Session : Sol-gel materials for sensors, optic, photonic and optoelectronic applications Chair: Cédric Boissière			Session : Porous materials (aerogels, xerogels, cryogels, template-based) and hierarchical structured materials Chair: Massimo Guglielmi		
10h30	IL-1: Carole Carcel	Functionalized pH-sensitive silica nanoparticles for autonomous multi-drug delivery		IL-2: David Levy	Sol-gel materials for optical applications		IL-3: Gustaaf van Tendeloo	Sol-Gel materials under the electron microscope	
11h00	O-1: Frederic Svensson	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)	O-4: Alicia Duran	Sol-gel transparent oxyfluoride nano-glass-ceramics containing Eu3+ doped NaGdF4 nanocrystals	Durán Alicia (ESP) - José Joaquin Velázquez (ESP) - Guilio Gorni (ESP) - Rolindes Balda (ESP) - Joaquin Fernández (ESP) - Castro Yolanda (ESP) - Jadra Mosa (ESP)	O-7: Nastaran Hayati-Roodbari	Conversion of hierarchically structured silica prepared via sol-gel process into porous silicon and magnesium silicide	Hayati-Roodbari Nastaran (AUT) - Elsaesser Michael (AUT) - Hüsing Nicola (AUT)
11h20	O-2: Shenoi Perdoor Shridevi	Fluorescent organic@silicate core-shell nanoparticles for in vivo vascular imaging	Shenoi Perdoor Shridevi (FRA) - CATTOËN Xavier (FRA) - DUBOIS Fabien (FRA) - Bretonniere Yann (FRA) - Andraud Chantal (FRA) - Ibanez Alain (FRA)	O-5: Thomas Tjoutis	New approach for the stabilization of optoelectronic devices using sol-gel process	Tjoutis Thomas (FRA) - Dautel Olivier (FRA) - Moreau Joel (FRA) - Wantz Guillaume (FRA)	O-8: Tarutani Naoki	Layered metal hydroxide crystals in single-nanometer scale for nano-building approach toward ordered mesoporous materials	Tarutani Naoki (JPN) - Tokudome Yasuaki (JPN) - Soler-Illia Galo (ARG) - Takahashi Masahide (JPN) - JOBBÁGY Matías (ARG)

11h40	O-3: Madhusudhan Nadgir	Characterization of dip coated single and multilayered sol-gel thin films by atomic force microscopy (afm) for sensor applications	Murari Bhaskar Mohan (IND) - Nadgir Madhusudhan (IND) - S Vidhya (IND) - Singh Chauhan Srishti (IND)	O-6: Alexandr Vinogradov	Inkjet printing of optical heterostructures for the formation of interference color images with high optical visibility	Yakovlev Aleksandr (RUS) - Vinogradov Alexandr (RUS)	O-9: Kazuyoshi Kanamori	Bridged polymethylsiloxane aerogels and xerogels with ethylene and ethenylene crosslinks	Kanamori Kazuyoshi (JPN) - Shimizu Taiyo (JPN) - Nakanishi Kazuki (JPN)
12h00	Lunch								
	Session : Functional organic-inorganic hybrid materials <i>Chair: Michel Wong Chi Man</i>			Session : Nano- and micro-structured materials: particles, colloids, fibers, self-assembly, composites <i>Chair: Stephen Steiner</i>			Session : Protective and functional coatings and thin films <i>Chair: David Levy</i>		
14h00	O-10: Jonathan Watté	Synthesis and Surface Functionalization of Titania Nanocrystals for Low Temperature Deposition on Polymers	Van Driessche Isabel (BEL) - Watté Jonathan (BEL) - De Buysser Klaartje (BEL)	O-14: Stéphane Parola	Microstructured composite materials as flexible coatings for photocatalysis and UV protection	Parola Stephane (FRA) - Gregori Damia (FRA) - Chaput Frederic (FRA) - Levchuk Irina (FRA) - Guillard Chantal (FRA) - Khrouz Lhoussain (FRA) - Baldeck Patrice (FRA) - Andraud Chantal (FRA)	O-18: Cesar dos Santos-Fabio	Structural and anticorrosive properties of organic-inorganic hybrid coatings and its modification by cerium doping	Cesar dos Santos Fábio (BRA) - Simonelli Laura (ESP) - Uvida Mayara (BRA) - Pulcinelli Sandra (BRA) - Santilli Celso (BRA) - Hammer Peter (BRA)
14h20	O-11: Jeroen Van Dijck	Hybrid organic-inorganic metal oxides: Influence of the TiO ₂ properties on Grignard surface modification	Van Dijck Jeroen (BEL) - Dorbec Matthieu (BEL) - Meynen Vera (BEL)	O-15: Luca Malfatti	Tuning the photoluminescence of C-dots nanocomposite films through GPTMS-grafting	Malfatti Luca (ITA) - Suzuki Kazumasa (ITA) - Carboni Davide (ITA) - Plinio Innocenzi (ITA) - Takahashi Masahide (JPN)	O-19: Florent Deliane	Smart hybrid organic-inorganic coating offering long-term corrosion protection to aluminium alloy	Duée Natacha (FRA) - Stimpfling Thomas (FRA) - Deliane florent (FRA)

14h40	O-12: Stéphane Daniele	Sol gel processing of hybrid ZnO quantum dots mesospheres for LED applications	DANIELE Stéphane (FRA) - Cornier Thibaut (FRA) - Masenelli Bruno (FRA) - OMAR Lama (FRA) - Chadeyron geneviève (FRA) - Potdevin audrey (FRA) - Apostoluk Alexandra (FRA)	O-16: Kiyofumi Katagiri	Structurally Colored Coating Films Composed of Monodispersed SiO ₂ Particles via Electrophoretic Deposition	Katagiri Kiyofumi (JPN) - Uemura Kensuke (JPN) - Tanaka Yuuki (JPN) - Inumaru Kei (JPN) - Takeoka Yukikazu (JPN)	O-20: Mary O Sullivan	Investigation of the role of formulation and synthetic conditions on the anti-corrosion properties of hybrid sol-gel coatings applied to AA2024-T3 alloys	O Sullivan Mary (IRL) - Cullen Maikki (IRL) - Duffy Brendan (IRL) - Oubaha Mohamed (IRL)
15h00	O-13: Martin Palmqvist	Novel Calcium Carbonate and hybrid materials synthesized through sol gel method	Palmqvist Martin (SWE)- Seisenbaeva Gulaim (SWE) - Nedelec Jean Marie (FRA) - Kessler Vadim (SWE)	O-17: Clémentine Mansas	Synthesis of core-shell nanoparticles to entrap radioactive cesium	Mansas Clementine (FRA) - Causse Jeremy (FRA) - Deschanel Xavier (FRA) - Grandjean Agnes (FRA)	O-21: Cecilia Agustin Saenz	Hybrid sol-gel coatings for corrosion protection of hot dip galvanised steel	Agustin Saenz Cecilia (ESP) - Izagirre Etxeberria Usoa (ESP) - Santa Coloma Mozo Patricia (ESP)
15h20	Coffee Break								
	Session : Functional organic-inorganic hybrid materials <i>Chair: Hubert Mutin</i>			Session : Nano- and micro-structured materials: particles, colloids, fibers, self-assembly, composites <i>Chair: Gustaaf Van Tendeloo</i>			Session : Biomaterials, biohybrids and bioinspired materials <i>Chair: Carole Carcel</i>		
15h50	IL-4: Masafumi Unno	Functionalized cyclic siloxanes: versatile precursors to well-defined hybrid materials		IL-5: Ryong Ryoo	Zeolite-templated 3D graphene-like ordered microporous carbons: facile large-scale synthesis		IL-6: Sara Aldabe Bilmes	Materials with biological activity	
16h20	O-22: Hideo Sawada	Preparation of fluoroalkyl end-capped vinyltrimethoxysilane oligomeric silica/alkyl-modified cellulose nanocomposites - Application to the separation membrane of oil/water	Sawada Hideo (JPN) - Suto Yuki (JPN) - Saito Tomoya (JPN) - Oikawa Yuri (JPN) - Yamashita Katsumi (JPN)	O-26: Pascal Buskens	Organotrialkoxysilanes as Surfmers for the Synthesis of Sub-Micron Sized Particles with Complex Architectures	Buskens Pascal (DEU) - Mann Daniel (DEU) - Keul Helmut (DEU) - Möller Martin (DEU) - Segers Margot (DEU)	O-30: Elena Colusso	High-refractive index titanate-silk nanocomposites for biopolymer-based optical devices	Colusso Elena (ITA) - Omenetto Fiorenzo (USA) - Martucci Alessandro (ITA) - Perotto Giovanni (ITA)

16h40	O-23: Nadège Rey	Original siloxane linkers for 2D self-assembled hybrid materials	Rey Nadège (FRA) - Ouali Armelle (FRA) - Portehault David (FRA) - Carcel Carole (FRA) - Sanchez Clément (FRA) - Wong Chi Man Michel (FRA) - Carenco Sophie (FRA) - Boissiere Cédric (FRA)	O-27: Masahide Takahashi	Centimetre scale micropore alignment in the oriented polycrystalline Metal-Organic Framework films via heteroepitaxial growth	Takahashi Masahide (JPN) - Ikigaki ken (JPN) - Okada Kenji (JPN) - Tokudome yasuaki (JPN) - Falcaro Paolo (AUT) - Doonan Christian (AUS)	O-31: John Brennan	Entrapment of concatenated DNA aptamers in macroporous sol-gel derived columns to produce flow-through biosensors and bioaffinity phases	Brennan John (CAN) - Carrasquilla Carmen (CAN) - Li Yingfu (CAN) - Kapteyn Emily (CAN)
17h00	O-24: Béatrice Muriithi	Hybrid coated solid-core particles for chromatographic separations	Muriithi Beatrice (USA) - Lawrence Nicole (USA) - Wyndham Kevin (USA) - Wilson Jessica (USA) - Glose Kenneth (USA) - Fairchild Jacob (USA) - Boissel Cheryl (USA) - Shiner Steve (USA) - DeLoffi Maureen (USA) - Sargent Jessica (USA)	O-28: Yajun Wang	Anisotropic sol-gel growth of nanostructured silica particles and their application	Wang Yajun (CHN) - Yi Deliang (CHN)	O-32: Cyrille Delneuve	Design of bio-hybrid material: encapsulation of cyanobacteria via the sol-gel synthesis of silica shell around individual cells	Delneuve Cyrille (BEL) - Danloy Emeric (BEL) - Su Bao-Lian (BEL)
17h20	O-25: Verónica de Zea Bermudez	Structuring of di-alkyl-urethanesils	Goncalves Maria Cristina (PRT) - De Zea Bermudez Verónica (PRT) - Antunes C. T. (PRT) - Nunes S.C. (PRT) - Sá Ferreira R. A. (PRT) - Carlos L. D. (PRT)	O-29: Chih-Hung Chang	Continuous, size and shape-control synthesis of hollow silica nanoparticles enabled by a microreactor-assisted rapid mixing process	He Yujuan (USA) - Kim Ki-Joong (USA) - Chang Chih-Hung (USA)	O-33: Vadim Kessler	Sol-gel produced metal oxide nanoparticles as functional components in anti-bacterial films and drug delivery patches	Kessler Vadim (SWE) - Evdokimova Olga (SWE) - Svensson Fredric (SWE) - Agafonov Alexander (RUS) - Seisenbaeva Gulaim (SWE)

Tuesday September 5			
8h00	KN-2 : Sidney J. L. RIBEIRO : Sol-Gel modified upconversion nanoparticles and nanostructured biopolymers for photonics Chair : Vadim Kessler		
Session : Industrial processes and products Chair: Vadim Kessler			
9h00	IL-7: Philippe Belleville	When bottom-up synthesis meets top-down process	
9h30	ISGS		
10h00	Coffee Break		
Session : Industrial processes and products Chair : Byeong-Soo Bae			
10h30	IL-8: Marc Fricke	SLENTITE - The robust PU aerogel panel	
11h00	O-34: Gilda Gasparini	Scale up of a sol gel particle technology for pharmaceutical applications	Gasparini Gilda (GBR) - Cresswell Mark (GBR)
11h20	O-35: Guillaume Naudin	Large-scale, multifunctional coatings for automotive industry: a critical insight on anti-fogging properties	Naudin Guillaume (FRA) - Faustini Marco (FRA) - Grosso David (FRA) - Bouamama Karima (FRA) - Delalande Stéphane (FRA) - Boissiere Cédric (FRA)
11h40	O-36: Songwei Lu	Commercialization of sol-gel based transparent functional coatings	Lu Songwei (USA) - Shao Jiping (USA) - Martin David (USA) - Li Zilu (USA) - Schwendeman Irina (USA)
12h00	Lunch + Poster Session 1 (odd numbers)		
15h20	Coffee Break		

	Session: Industrial processes and products <i>Chair: Michel Aegerter</i>		
15h50	IL-9: Stephen A. Steiner	Airloy - Commercialization of mechanically strong aerogels	
16h20	O-37: Laure Libralesso	Sol-Gel Products and Processes in the Coil Coating Industry : Application Examples	Libralesso Laure (BEL) – Le Cruz Sébastien (BEL) - Archambeau Catherine (BEL) - Langer Luc (BEL) - Godeau Nathalie (BEL) - Cornil Hugues (BEL)
16h40	O-38: Sophie Senani	Indicating Coatings: How to perform quick Health Monitoring of CFRP in Aeronautics?	Senani Sophie (FRA) - Rozes Laurence (FRA) - Morelle Quentin (FRA) - Gaudon Manuel (FRA) - Duguet Etienne (FRA) - Barut Silvere (FRA) - Guinard Stéphane (FRA) - Letard Jean-François (FRA) - Lathiere Pierre-Jean (FRA) - Campazzi Elisa (FRA)
17h00	O-39: Roland Ramsch	Diffusing Wave Spectroscopy as a powerful tool for sol-gel analyses	Ramsch Roland (FRA) - Brambilla Giovanni (FRA) - Meunier Gérard (FRA) - Mugerli Laurent (FRA)
18h00	Beer Party		

Wednesday September 6

8h00

KN 3 : Dongyuan ZHAO : *Interfacial sol-gel assembly of functional mesoporous materials*

Chair: Kazuki Nakanishi

	Session : Protective and functional coatings and thin films <i>Chair: Isabel Van Driessche</i>			Session : Sol-Gel materials for energy applications <i>Chair: Francisco Maldonado-Hodar</i>			Session : Highly structured porous materials <i>Chair: Gudrun Reichenauer</i>		
9h00	O-40: Byeong-Soo Bae	Design of high strength but low modulus materials with sol-gel synthesized siloxane-polymer hybrids	Choi Gwang-Mun (KOR) - Bae Byeong-Soo (KOR) - Kim Yun Hyeok (KOR)	O-43: Natacha Krins	Mesoporous semiconducting oxides for Li-ion batteries : a light-assisted recharge	Krins Natacha (FRA) - Nguyen Olivier (FRA) - Sanchez Clément (FRA) - Laberty-Robert Christel (FRA) - Sauvage Frédéric (FRA)	O-46: Michael Froeba	Periodic mesoporous organosilicas (PMOs): a versatile group of functional material	Froeba Michael (DEU) - Bilo Malina (DEU) - Simon Tamas (DEU) - Brieler Felix (DEU) - Enke Dirk (DEU) - Dieter Bathen (DEU) - Muenzner Maximilian (DEU) - Bucher Dirk (DEU)
9h20	O-41: Emeline Lachery	Anti-adhesion sol-gel for high temperatures applications in power plants	Lachery Emeline (BEL) Peeterbroeck Sophie (BEL) - Poelman Mireille (BEL) - Soleimani-Dorcheh Ali (DEU) - Schutze Michael (DEU) - Masset Patrick J. (DEU)	O-44: An Hardy	Chemical solution deposition of 3D all solid state thin film lithium ion batteries	Hardy An (BEL) - Van Bael Marlies K. (BEL)	O-47: David Calabro	The Intrinsic Templating of Mesoporous Organosilicas	Calabro David (USA) - Afeworki Mobae (USA) - Li Quanchang (USA) - Peterson Brian (USA) - Weston Simon (USA)
9h40	O-42: Eva Grinerval	Sol-gel for protective clothing against toxic gases: first reported results	Grinerval Eva (FRA) - Tirard Franck (FRA) - Chatard Sébastien (FRA) - Charton Philippe (FRA) - Tran-Thi Thu-Hoa (FRA)	O-45: Mateusz Odziomek	Hierarchically structured $\text{Li}_4\text{Ti}_5\text{O}_{12}$ for high performance lithium ion batteries	Odziomek Mateusz (FRA) - Chaput Frédéric (FRA) - Rutkowska Anna (POL) - Świerczek Konrad (POL) - Olszewska Danuta (POL) - Sitarz Maciej (POL) - Lerouge Frédéric (FRA) - Parola Stephane (FRA)	O-48: George Hasegawa	Highly flexible hybrid polymer monoliths comprising ordered mesoporous nanorod assemblies	Hasegawa George (JPN) - Kanamori Kazuyoshi (JPN) - Nakanishi Kazuki (JPN) - Hayashi Katsuro (JPN)

	Session : Functional organic-inorganic hybrid materials <i>Chair: Eric Gaigneaux</i>	Session : Materials for (super)insulation, Aerogels and templated structures <i>Chair: Dongyuan Zhao</i>	Session : Protective and functional coatings and thin films <i>Chair: Luca Malfatti</i>
10h30	O-49: Ludivine van den Biggelaar Hybrid NH ₂ -silica monolith as support for biocatalysis in flow: leveraging on a better control of the aminopropyl dispersion	O-54: Jian Feng High-performance and low-density thermal insulation aerogels from 2-dimension N-doped graphene sheets	O-59: Abdelhamid Boudiba Mechanical and optical properties of zirconia thin films prepared by sol-gel method Boudiba A. (BEL) - Peeterbroeck Sophie (BEL) - Ruelle B. (BEL) - Mercier D. (BEL) - Olivier M-G. (BEL) - Poelman Mireille (BEL) - Bosgaard E. (BEL) - Peyroux E. (BEL)
10h50	O-50: Pascal Van Der Voort The heterogenization of metal complexes on stable periodic mesoporous organosilica support for catalytic applications	O-55: Petra Bulavova Thermal events in organic gels soft-templated by Pluronic F127	O-60: Karine Valle Development of photonic crystals using sol-gel process for high power laser applications Valle Karine (FRA) - Bertussi Bertrand (FRA) - Belleville Philippe (FRA) - Benoit Florence (FRA) - Mallejac Nicolas (FRA) - Dieudonne Eva (FRA) - Sanchez Clement (FRA)
11h10	O-51: Agathe Bouvet-Marchand Influence of fluoroalkylsilane chemical structure on the properties of water-repellent sol-gel thin films	O-56: Justin Griffin Monolithic Polyimide Aerogel/Silica-Aerogel Particle Composites with Improved Thermal Insulating and Hydrophobic Properties	O-61: Aranzazu Sierra Fernández Antimicrobial Broad spectrum activity the [Ca(Zn(OH) ₃) ₂ ·2H ₂ O] (CZ) and ZnO nanosystem via sol-gel process (route) Soria-Castro Montserrat (MEX) - De la Rosa García Susana del Carmen (MEX) - Sierra Fernández Aranzazu (ESP) - Gómez Cornelio Sergio (MEX) - Quintana Patricia (MEX)

11h30	O-52: Corine Gerardin	Polymer functionalized ordered mesoporous silica materials: a rational design using functional structuring agents	Gerardin Corine (FRA) - Molina Emilie (FRA) - Mathonnat Melody (FRA) - Warnant Jerome (FRA) - Jerome Christine (BEL) - Lacroix-Desmazes Patrick (FRA) - In Martin (FRA) - Marcotte Nathalie (FRA)	O-57: Ryan Nelson	Next-Generation Large-Scale Manufacturing of Isocyanate-Crosslinked Silica Aerogels for Transparent Structural Superinsulation Panels	Nelson Ryan (USA) - Steiner Stephen (USA) - Schneider John (USA) - Griffin Justin (USA)	O-62: Gwenaël Bonfante	Study of cerium oxide (CeO ₂) preparation by sol-gel route, deposition and characterization	Bonfante Gwenaël (FRA) - Maillard Mathieu (FRA) - Chevalliot Stéphanie (FRA) - Burger Benjamin (FRA) - Berge Bruno (FRA) - Toury Bérangère (FRA)
11h50	O-53: Xavier Cattoen	Multiple functionalization of silica-based materials by click chemistry	Cattoen Xavier (FRA) - Nouredine Achraf (FRA) - Croissant Jonas (FRA) - Gary-Bobo Magali (FRA) - Garcia Marcel (FRA) - Maynadier Marie (FRA) - Durand Jean-Olivier (FRA) - Wong Chi Man Michel (FRA)	O-58: Marcus Worsley	Tailoring Aerogels for Energy Storage and Sensing Applications	Worsley Marcus (USA)	O-63: Thomas Bottein	"Black" Titania coatings composed of sol-gel imprinted Mie resonators arrays	Bottein Thomas (FRA) - Grosso David (FRA) - Wood Thomas (FRA) - David Thomas (FRA) - Claude Jean Benoit (FRA) - Favre Luc (FRA) - Berbezier Isabelle (FRA) - Ronda Antoine (FRA) - Abbarchi Marco (FRA)
12h10	Excursion + Lunch basket								

Thursday September 7	
8h00	Life Achievement Awards ceremony – Masahide Takahashi
8h10	<p>LAA #1 Talk : Jeffrey C. Brinker</p> <p><i>Sol-Gel Enabled Drug Delivery and Gene Editing using Mesoporous Silica Nanoparticles Encapsulated within Supported Lipid Bilayers aka Protocells</i></p> <p><i>Chair: Andrei Jitaniu</i></p>
8h50	<p>LAA #2 Talk : Lisa Klein</p> <p><i>Applications of Melting Gels</i></p> <p><i>Chair: Andrei Jitaniu</i></p>
9h30	Ulrich Awards ceremony – Masahide Takahashi
9h40	<p>UA #1 Talk : Vladimir and Alexander Vinogradov</p> <p><i>SCAMT laboratory: current sol-gel activity and new horizons</i></p> <p><i>Chair: Sara Aldabe</i></p>
10h05	<p>UA #2 Talk : Tim Fellinger</p> <p><i>Ionothermal carbonization: Inorganic salt melts as solvents for a sol-gel process of carbon</i></p> <p><i>Chair: Sara Aldabe</i></p>
10h30	Coffee Break

	Session : Nano- and micro-structured materials: particles, colloids, fibers, self-assembly, composites <i>Chair: Jan Sefcik</i>			Session : (Carbon-based) Xerogels, Aerogels and Ordered mesoporous carbons <i>Chair: Jose Luis Figueiredo</i>			Session : Biomaterials, biohybrids and bioinspired materials <i>Chair: Vera Meynen</i>		
11h00	O-64: Jordi Martinez-Esain	Unravelling the ionic self-assembly behaviour of LnF3 nanoparticles	Ricart Susana (ESP) - Martinez-Esain Jordi (ESP) - Ros Josep (ESP) - Yañez Ramon (ESP) - Faraudo Jordi (ESP) - Puig Teresa (ESP) - Obradors Xavier (ESP)	O-67: Angel Escamilla	Mesoporous carbon–titania nanocomposites prepared by non-hydrolytic sol-gel, application to Li-ion batteries	Escamilla Angel (FRA) - Louvain Nicolas (FRA) - Boury Bruno (FRA) - Brun Nicolas (FRA) - Fontaine Olivier (FRA) - Mutin Hubert (FRA)	O-70: Shirin M. Usmani	Wood protection with nanoparticles: MgF ₂ and CaF ₂	Usmani Shirin M. (DEU) - Kemnitz Erhard (DEU) - Hübert Thomas (DEU) - Stephan Ina (DEU) - Plarre Rüdiger (DEU) - Klutzny Kerstin (DEU) - de Laval Yvonne (DEU) - Schlichka Jörg (DEU)
11h20	O-65: Virginie Hornebecq	Design of porous Au@SiO ₂ nanocomposites for the detection of benzodiazepin metabolite	Hornebecq Virginie	O-68: Matthias Koebel	Resin based carbon Aerogels and Xerogels for energy: Synthesis, processing and applications	Koebel Matthias (CHE) - Huber Lukas (CHE) - Zheng Guobo (CHE)	O-71: Nicolas de la Rosa-Fox	Nanostructured bioactive silica/chitosan/TCP aerogels for tissue engineering	Pérez-Moreno Antonio (ESP) - Mesa Maria del Mar (ESP) - de la Rosa-Fox Nicolas (ESP) - Piñero Manuel (ESP) - de los Santos Deseada M. (ESP) - Morales Flórez Victor (ESP) – Esquivias Luis (ESP)
11h40	O-66: Netta Bruchiel-Spanier	Preparing nanoparticle imprinted matrices containing AuNPs and sol-gel using the electrochemical method	Bruchiel-Spanier Netta (ISR) - Giordano Gianmarco (ITA) - Mandler Daniel (ISR)	O-69: Albane Birault	Synthesis of Large-Pore Periodic Mesoporous Organosilicas (PMO) from Polylon Complex (PIC) micelles	Birault albane (FRA) – Molina Emily (FRA) - Marcotte Nathalie (FRA) - Gerardin Corine (FRA) - Bartlett John R. (FRA) - Ishii Akira (FRA) – Wong Chi Man Michel (FRA) - Carcel Carole (FRA)	O-72: Hajar Maleki	Structurally designed silica-silk fibroin hybrid (bio) aerogels as biomaterials: Improved mechanical properties promoted by functionalization and hybridization	Maleki Hajar (AUT) - Hüsing Nicola (AUT)

12h00	Lunch + Poster session 2 (even numbers)								
15h20	Coffee Break								
	Session : Chemistry and fundamentals of the sol-gel process and non-conventional synthesis methods <i>Chair: Kazuyuki Kuroda</i>			Session : Sol-gel materials for (photo)catalysis and membranes <i>Chair: Stéphane Parola</i>			Session : Sol-Gel materials for energy applications <i>Chair: Nicola Hüsing</i>		
15h50	IL-10: Jan Sefcik	Interplay between physics and chemistry of the Sol-Gel process		IL-11: Kazuki Nakanishi	Monolithic oxide or phosphate ceramics with controlled pores: compositional variations and applications		IL-12: Jun Shen	Highly effective thermal insulations derived from Sol-Gel process	
16h20	O-73: Guido Kickelbick	Continuous Synthesis of Sol-Gel Based Nano- and Microparticles by a Microjet Process	Kickelbick Guido (DEU) - Christina Odenwald (DEU)	O-76: Mihaela Florea	Ni and Co stabilized zirconia obtained by sol-gel synthesis route with electrocatalytic activity for Oxygen Reduction Reaction (ORR)	Florea Mihaela (ROU) - Neatu Florentina (ROU) - Trandafir Mihaela M. (ROU) - Marcu Maria (ROU) - Preda Loredana (ROU) - Calderon-Moreno Jose Maria (ROU) - Neatu Stefan (ROU) - Somacescu Simona (ROU)	O-79: Elena Serrano	Band gap engineering in photoactive materials. A novel approach for the synthesis of visible-light activated titanias for photocatalysis and solar-driven applications	Serrano Elena (ESP) - Rico-Santacruz Marisa (ESP) - Garcia-Martinez Javier (ESP) - Berenguer Jesus R. (ESP) - Lalinde Elena (ESP) - Sepúlveda Angel E. (ESP) - Ezquerro Cintia (ESP)
16h40	O-74: Pierre-Igor Dassié	Merging of the synthesis and shaping steps of mesoporous metal oxide by reactive extrusion	Dassié Pierre-Igor (FRA) - Boissière Cédric (FRA) - Corinne Chanéac (FRA) - Chaumonnot Alexandra (FRA) - Boualleg Malika (FRA)	O-77: Xingdong Wang	Preparation and photocatalytic application of porous TiO ₂ based materials	Wang Xingdong (AUS) - Caruso Rachel (AUS)	O-80: Kiyoharu Tadanaga	Preparation of lithium ion conductive Li ₆ PS ₅ Cl solid electrolyte from solution for the fabrication of cathode composite of all-solid-state lithium battery	Tadanaga Kiyoharu (JPN) - Rosero-Navarro Nataly Carolina (JPN) - Kinoshita Taiki (JPN) - Miura Akira (JPN) - Higuchi Mikio (JPN)

17h00	O-75: Yasuaki Tokudome	Spontaneous deflocculation of nanocrystalline hydrogels for the synthesis of aqueous suspension of nanometric metal hydroxides	Tokudome Yasuaki (JPN) - Morimoto Tsuyoshi (JPN) - Tarutani Naoki (JPN) - Takahashi Masahide (JPN)	O-78: Lucia Manangon Perugachi	Sol-gel synthesis of hydrophobic titania-silica mixed oxides for the catalytic epoxidation of olefins	Manangon Perugachi Lucia (BEL) - Gaigneaux Eric (BEL)	O-81: Gudrun Reichenauer	Carbon aerogel composites for applications in energy storage	Reichenauer Gudrun (DEU) - Wiener Matthias (DEU) - Scherdel Christian (DEU) - Lederer Ingo (DEU)
19h00	Conference Banquet								

Friday September 8									
8h00	KN-4 : Kazuyuki KURODA : Critical role of sol-gel chemistry for preparation of porous and hierarchically structured materials Chair: Jeffrey Brinker								
9h00	Best poster awards– Masahide Takahashi								
	Session : Functional organic-inorganic hybrid materials Chair: Masafumi Unno			Session : Materials for (super)insulation Chair: Jean-Marie Nedelec			Session : Sol-Gel materials for purification processes Chair: John Bartlett		
9h20	O-82: Adrien Comes	Synthesis of bifunctional porous solids as catalysts for the conversion of carbon dioxide	Comes Adrien (BEL) - Fusaro Luca (BEL) - Aprile Carmela (BEL)	O-84: Kathirvel Ganesan	Hierarchical porous structures influencing the physical and mechanical properties of cellulose aerogels	Ganesan Kathirvel (DEU) - Barowski Adam (DEU) - Ratke Lorenz (DEU) - Milow Barbara (DEU)	O-86: Laurent Mughherli	A porous xerogel as stabilizing matrix for phenol sensing in air and water	Mughherli Laurent (FRA) - Borta Ana (FRA) - Tran-Thi Thu-Hoa (FRA)
9h40	O-83: Mickael Boudot	Ultrafine tuning of metal volume fraction in sol-gel Silver/Silicate nanocomposite coatings near the percolation threshold	Boudot Mickael (FRA) - Das Gupta T. - Maurin Isabelle (FRA) - Rowe Alistair (FRA) - Gacoin Thierry (FRA)	O-85: Ai Du	Acoustical and Optical Responses in the Subwavelength Structure of the Aerogels	Du Ai (CHN) - Sun Wei (CHN) - Huang Shangming (CHN) - Feng Yu (CHN) - Shen Jun (CHN) - Zhou Bin (CHN)	O-87: Bartosz Nowak	Fibrous filters modified by MTMS-aerogel for air purification form oil mist	Nowak Bartosz (POL) - Gac Jakub (POL) - Bojarska Marta (DEU)
10h00	Coffee Break								

	Session : Protective and functional coatings and thin films <i>Chair: Jun Shen</i>								
10h30	IL-13: Cédric Boissière	In situ spectroscopic ellipsometry for the fast development of functional thin films		Session : Sol-Gel materials for sensors, optic, photonic and optoelectronic applications <i>Chair: Philippe Belleville</i>			Session : Sol-Gel materials for energy applications <i>Chair: Sidney Ribeiro</i>		
10h40				O-91: Karl Fleury	Sol-gels for space optical applications	Fleury-Frenette Karl (BEL) - Dubreuil Olivier (BEL) - Gailly Patrick (BEL) - Hastanin Jurij (BEL) - Lenaerts Cédric (BEL) - Rabecki Frédéric (BEL)	O-95: Ronak Janani	Influence of precursor and fast curing on the performance of silica-based ionogels for energy storage applications	Janani Ronak (GBR) - Wang Heming (GBR) - Farmilo Nicolas (GBR) - Roberts Alexander (GBR)
11h00	O-88: Yolanda Castro	Sol-gel multilayer coatings on Mg alloys for controlling the degradation rate of resorbable implants	Castro Yolanda (ESP) - Duran Alicia (ESP)	O-92: Olivier Dalstein	Smartphone-assisted Detection by Diffractive Sensors : a fruitful combination of Soft Chemistry & Soft Lithography	Dalstein Olivier (FRA) - Faustini Marco (FRA) - Cattoni Andrea (FRA) - Grosso David (FRA) - Boissière Cédric (FRA)	O-96: Matthias Van Zele	Synthesis methods for thermochromically active VO ₂ nanoparticles	Van Zele Matthias (BEL) - De Buysser Klaartje (BEL)
11h20	O-89: Gianmarco Giordano	Multilayer Deposition of Sol-Gel Films by Electrochemical Assisted Technique	Giordano Gianmarco (ITA) - Durante Christian (ITA) - Vilà Neus (FRA) - Walcarius Alain (FRA) - Gennaro Armando (ITA) -	O-93: Daniela Meroni	Sol-gel synthesis of CaTiO ₃ :Pr ³⁺ red phosphors: tailoring the synthetic parameters for luminescent and afterglow applications	Meroni Daniela (ITA) - Porati Luca (ITA) - Poelman Dirk (BEL)	O-97: Maria Cristina Gonçalves	Electrochromic device composed of a Li ⁺ -doped poly(oxyethylene)/siloxane hybrid electrolyte incorporating an ionic liquid	de Zea Bermudez Verónica (PRT) - Gonçalves M. Cristina (PRT) - Alves Raquel (PRT) - Silva Catarina S. (PRT) - Nunes Sílvia. C. (PRT) - Silva M. Manuela (PRT) - Pereira Sónia

			Guglielmi Massimo (ITA)						(PRT) - Pereira Rui. F. P. (PRT) - Fortunato Elvira (PRT) - Rego Rosa (PRT)
11h40	O-90: David Grosso	Combining top-down and sol-gel methods to elaborate coatings for photonics, nanofluidics, sensings, actuation, or controlled wetting.	Grosso David (FRA) - Bottein Thomas (FRA) - Faustini Marco (FRA) - Dalstein Olivier (FRA) - Abbarchi Marco (FRA)	O-94: Yong Ho Kim	Sol-gel siloxane hybrid dielectric materials with low loss in GHz and THz region	Kim Yong Ho (KOR) - Kim Hyeon-Don (KOR) - Min Bumki (KOR) - Bae Byeong-Soo (KOR)	O-98: Zeger Vroon	Scale up, performance and reliability of sol-gel derived multilayer front-sheet for solar modules with tuned color appearance	Vroon Zeger (NLD) - Rooms Harmen (NLD) - Ritzen Michiel (NLD) - Masolin Alex (NLD)
12h00	Closing Ceremony + Lunch								