ICL 2023

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Lecture Halls

Plenary sessions: room FriedelSessions a : room FriedelSessions b : room MoissanSessions c and poster sessions : Library

8.00-9.00		Pogistration		
9:00-9:30 9:30-10:10		Opening ceremony Plenary Lecture 1: Hui Cao "Random lasers"		
	Session 1er	Session chair – Diana Serrano COFFEE BREAK	Cossion 1a	
	Thermometry I Session chair – Setsuhisa Tanabe	Theoretical modeling and computational methods I Session chair – Mike Reid	New luminescent materials and methods I Session chair – Christophe Dujardin	
10:40-11:05	Upconversion nanothermometry to unravel the phase diagram of liquid water – Luis Carlos	Modeling energy transfer rates between transition metals and lanthanides in luminescent bimetallic complexes – Oscar Malta	Ratiometric, temperature invariant luminescence manometry based on the Cr ³⁺ ions emission – Łukasz Marciniak	
11.05-11.20	and thermochromic materials – Jakub Pawłów	upconversion resonant nonradiative energy transfer (UC-FRET) – Agata Kotulska	low-range pressure measurement – Yujiao Zhou	
11:20-11:35	Fluorescent artificial seeds as luminescent thermometers for environmental sensing – <i>Albenc Nexha</i>	Optical environment determines radiative decay rate: the role of refractive index – <i>Manuel Romero</i>	Improving sensitivity, signal intensity and operating range of luminescent pressure sensors based on lanthanide ions — Marcin Runowski	
11:35-11:50	Impact of phosphor coatings optical and thermal properties on luminescence-based thermometry uncertainty – <i>A. Mendieta</i>	Determining the Luminescence Quantum Yields of Molecular, Nanocrystalline, and Particle Emitters in the UV/vis/NIR/SWIR – Ute Resch-Genger	Random Laser and Replica Symmetry Breaking in Nd ³⁺ -doped lead- germanate glass and glass-ceramic powders - <i>Davinson Da Silva</i>	
11:50-12:05	The spectroscopic properties of [GUA]Mg(HCOO)3: Cr ³⁺ for application in luminescence thermometry – <i>Marek Adaszyński</i>	High Performance Photonic Physical Unclonable Functions based on luminescent materials – Paulo Andre	Synchrotron radiation in the luminescence research: comparative study of the luminescence of single crystals	
12:05-12:20	Pr ³⁺ -Activated Luminescence Thermometers: Towards a Thousand Degrees Operating Range - <i>Eugeniusz Zych</i>	Predicting spectroscopic properties via machine learning – Małgorzata Sójka, Jakoah Brgoch	11:50-12:15 and single crystalline films of Ce ³⁺ doped Gd ₃ Al _{5-x} Ga _x O ₁₂ garnets and Lu _{2-x} Y_x SiO ₅ orthosilicates – <i>Yuriy Zorenko</i>	
	Sessions 2a:	LUNCH BREAK Session 2b: Nano-structured material L	Session 2c:	
14:20-14:50	Session chair – Thierry Gacoin Controlling the emission of rare earth ions by plasmonic chains:	Session chair – Jiahua Zhang Bidirectional, Indefinite Near Infrared Nanocrystal Photoswitching	Session chair – Laurent Coolen Precise engineering of luminescent lead-halide quantum dots: from	
14:50-15:05	Non linear emission increase and giant absorption cross section of single CdSe/CdS nanocrystal within a plasmonic antenna	 Jumes Schuck Nd³⁺-doped SnO₂@TiO₂ for NIR-II fluorescence imaging and therapy – Maria Felinto 	Unusual Photoluminescence Temperature Dependence in Ag2S Nanocrystals – Jur De Wit	
15:05-15:20	– Agnes Maître Excitation of a magnetic dipole transition through a plasmonic	Core-multishell luminescent nanoparticles for asynchronous excitation	Polymer nanocomposites of cesium lead halide nanocrystals for fast	
15:20-15:35	Synthesis, characterization and effect of heat treatment on CdS	Up-converting nanocrystals coupled to a single silver nanowire as a	Lead-free manganese based perovskite inspired metal halides: from	
15:35-15:50	quantum dots embedded in chloroborosilicate glass matrix - <i>Nilanjana Shasmal</i> Light-induced or electric field-induced switching with nanoparticle-	source of surface plasmon polaritons for direct measurement of propagation losses – <i>Maciej Cwierzona</i> Lumos Maxima Forcier: Remote Detection of Pico-Newton Forces by	synthesis to (micro)-LED application – <i>Pierre Martin</i> Recent progress in the development of LaVO ₄ -based nanoparticles with	
	based photonic crystals for emission control - Francesco Scotognella	Photon-Avalanche – Natalie Fardian-Melamed COFFEE BREAK AND CONFERENCE PICTURE IN FRONT OF THE BUILDING	enhanced luminescent efficiency - Oksana Chukova	
	Molecular systems I Session chair – Rémi Métivier	Nano-structured materials II Session chair – Andrea de Camargo	Semi-conductors and applications of luminescence Session chair – María Chamarro	
16:20-16:45 16:45-17:00	Chlorosomes in the Light of Single-Molecule Spectroscopy – Jürgen Köhler Dual chromogenic and fluorogenic detection of organophosphorus	Brighter, Better, Faster: Pushing the limits of luminescence thermometry with silver sulfide nanocrystals – <i>Riccardo Marin</i> Artificial intelligence-assisted optical nanothermometry for more	Fundamental optical properties of excitons in diamond – Nobuko Naka Application of photoluminescence to study the hydrodynamics of	
17:00-17:15	pesticides – Lucile Termeau Novel highly luminescent diketofurofuran in crystal and liquid	accurate temperature detection – <i>Carlos Jacinto</i> Nanoparticle composite complexes for near-infrared fluorescence and	electrons – Yury Pusep Electroluminescence from sub-gap emitters of step-bunched, oxidized	
17:15-17:30	Comparison of the luminescence response of porphyrins and ruthenium complex-based pressure sensitive paints under	Yb ³⁺ concentration influence on NIR and upconversion emission and temperature sensing properties of Er ³⁺ /Yb ³⁺ co-doped Ta ₂ O ₅	Time-Resolved and polarimetry cathodoluminescence to probe crystal phase, carrier lifetime and diffusion length in single GaAs nanowires	
17:30-17:45	nanosecond laser pulses and microsecond LED pulses – Orian Le Bourgeois Cyanido metal complexes as a source or support for multifunctional	nanoparticles – <i>Fernanda Borges</i> Facile Pechini screening of Nd ³⁺ -Yb ³⁺ codoped oxide nanocrystals allows	 Stephane Collin Photoluminescence and exciton-phonon coupling in single CsPbCl₃ 	
17:45-18:00	molecule-based luminescent materials — Szymon Chorazy Exploring phase transitions by Raman spectroscopy and luminescent	development of thermal bioprobes with phonon-tunable sensitivity — Camila Tsuchida Nogueira Development of Red-emitting Garnet Nanoparticle Scintillators	nanocrystals – <i>Victor Guilloux</i> Photoluminescence emission enhancement in the LiSrVO4:Eu3+	
	properties in Eu(III)-indandionate complexes – Israel Ferreira da Costa	– Masanori Koshimizu	vanadate phosphor by partial substitution of alkali metal ions(Li+ /Na + /K +) and optical transition probabilities using Judd-Ofelt analysis	
18:00-18:15	Recording the birth of a Agregation Induced Emission crystal – Robert Pansu	Er3+, Yb3+ codoped fluoride-based particles: luminescence and photoacoustic properties for nanomedicine – Karmel de Oliveira	– Masilla Kennedy Enhanced Internal Quantum Yield and Luminescence Properties of Dysprosium-Doped Novel Niobate-Based Phosphor for w-LEDs	
18:15-19:40 Tuesday 29		Poster session 1	- Kanishk Poria	
8:30-9:10	Plenary	v Lecture 2: Xiaogang Liu "Light-field Imaging: Capturing 3D in One Session chair – Corinne Chanéac	Snapshot"	
	Session 4a: Spectroscopy of inorganic solids I Session chair – Markus Suta	Session 4b: Luminescent materials for imaging and theranostics I Session chair – Xiaogang Liu	Session 4c: Persistent Luminescence I Session chair – Philippe Smet	
9:20-9:45	Luminescence Quenching via Electron and Hole Photoionization Processes – Jumpei Ueda	Current advances in lanthanide doped nanostructures as Theranostic Platforms – <i>Rogéria Gonçalves</i>	Relating thermal quenching and thermoluminescence involving lanthanides with level location in the band gap – <i>Peter Dorenbos</i>	
9:45-10:00	and intraband luminescence – <i>Marco Kirm</i> Pump-induced refractive index changes in Tb ³⁺ doped materials	particles for ultrasensitive in vitro diagnosis – <i>Thierry Gacoin</i> Optimization of anisotropic LaPO ₄ :Eu ³⁺ nanorods as polarized	counterfeiting and Bio-imaging – <i>Guanyu Cai</i> Exploring trap depth distributions in Cr ³⁺ - doped zinc gallogermanate	
10:15-10:30	 – Richard Moncorgé High pressure band structure modification for tunable cross- luminescence in wide band gap fluoride crystals 	luminescence probes in fluid flow – <i>Qilin Zou</i> Upconversion nanoparticles- based portable biosensor to monitor kidney health – Marylyn Arai	solid solutions – <i>Celina Matuszewska</i> Insights into the mechanisms of persistent luminescence provided by electron paramagnetic resonance – <i>Andris Antuzevics</i>	
	– Marilou Cadatal-Raduban	COFFEE BREAK	Services For	
11.25	Session 5a: Applications of luminescence I Session chair – Luís Carlos	Nano-structured materials II Session chair – Małgorzata Guzik	Semi-conductors Session chair – Nobuko Naka	
11:00-11:25 11:25-11:40	Single particle spectroscopy of colloidal nanoparticles by optical tweezers from fundamentals to applications – <i>Daniel Jaque</i> Bismuth-doped rare earth orthovanadates as tunable luminoscopes	Luminescence thermal enhancement of NaYF ₄ : Ho ³⁺ /Yb ³⁺ upconverting nanocrystals in vacuum – <i>Zhang Jiahua</i> Precisely tailoring upconversion luminescence dynamics of rare earth	Photoluminescence from heavily-doped graphene — Ping-Heng Tan Electroluminescence of high-mobility graphene transistors	
11:40-11:55	decay-time thermometers – <i>Benoît Fond</i> Ga-Modified YAG:Pr ³⁺ - Tunable Luminescence Thermometers	based nanophosphors – Hong Zhang Significant Enhancement of the Upconversion Emission of	<i>– Emmanuel Baudin</i> From nanodots to continuous layers: mechanisms and applications of	
11:55-12:10	- Paulina Bolek New Insights into Nd ³⁺ to Yb ³⁺ Energy Transfer: Implications for	Nanoparticles at Cryogenic Temperatures – Kefan Wu Tailoring RE-luminescence in nanocrystals via inter-particle energy transfor – Vasilii Khanin	2D-MoS ₂ photoluminescence – <i>Alicia de Andres</i> Observation of multiple-quantum-well polaritons in organic-inorganic	
12:10-12:25	- Albano Carneiro The material science and engineering of anti-Stokes fluorescence	New strategies for lanthanide emission enhancement	- Naoki Shimosako Fingerprint of quantum confinement in the photoluminescence of single	
	cooling in silica optical fibres – John Ballato Session 6a:	– Xian Qin LUNCH BREAK Session 6b:	Session 6c:	
14:30-15:00	Molecular systems II Session chair – J. Köhler Crown-Ether-Coordination Compounds: A New Class of	Luminescent materials for imaging and theranostics II Session chair – Rogéria R. Gonçalves	Nano-structured materials III Session chair – Bruno Viana Fabrication of AlGaN-Based UVC-LEDs with high Performance - Xin-	
14.30-13.00	Luminescent Materials with NLO Effects – Claus Feldmann	theranostics applications – Andrea de Camargo	Qiang Wang	
15:00-15:15 15: 15-15:30	The Bright Side of Lanthanide Single-Molecule Magnets: A New Class of Magneto-Optical Materials – <i>Jérôme Long</i> The influence of imidazolium counterions on the luminescence	Luminescent Imidazolium Salts as Bright Multi-Faceted Tools for Biology – <i>Romain Berthiot</i> Luminescent nanocrystals to measure complex dynamics of micro-	Mediated collective blinking of self-assembled stacks of semiconducting nanoplatelets – Laurent Coolen Up-conversion luminescence at the nanoscale: benefits and difficulties,	
15:30-15:45	properties of [Cnmim][Eu(tta) ₄] tetrakis complexes in solid-state and ionic liquid solutions – <i>Hermi Brito</i> Spectroscopic studies of rare-earth free hybrids derived from	organisms and bio-fluids – <i>Jongwook Kim</i>	- Dawid Piatkowski	
13.30-13.43	thianthrene-phosphonic acid – Parameshwari Ganesan	photodynamic therapy – <i>Aurélie Bessière</i>	Transfer Management in Luminescent Materials – Manoj Kumar Mahata	
15:45-16:00	Synthesis of luminescent donor-acceptor molecules comprising 2,2'- bipyrimidine – <i>Shenming Wang</i>	Rare earth imbedded polymer nanoparticles for extracellular singlet oxygen sensing in bacteria – <i>Daniel Dinga Kehbidla</i>	Dynamics of the power-dependent up-conversion luminescence in Er ³⁺ /Yb ³⁺ co-doped single nanocrystal – <i>Michal Zebrowski</i>	
16:00-16:15	Alkali luminescent lanthanide-free polyoxometalates as new sustainable and reusable sensors of humidity – <i>Rémi Dessapt</i>	UV-A emitting persistent luminescence nanoparticles as triggers for bioorthogonal photoclick reactions – Paul Ganigal	Frequency-upconverted lasing from a whispering-gallery-mode microcavity – Ling-Dong Sun	
	Session 7a: Applications of luminescence and Spectroscopy of inorganic solids II	Session 7b: New materials and new methods IV	Session 7c: Theoretical modeling and computational methods,	
16:45-17:10	Session chair – Philippe Boutinaud Multiphonon-assisted emissions of rare-earth ions: Towards pulse	Session chair – Corinne Chanéac Photochromism in crystallised inorganic luminescent compounds	and Applications of luminescence Session chair – Oscar Malta Magnetic data as an aid to understanding electronic structure of rare-	
17:10-17:25	shortening in mode-locked lasers – <i>Pavel Loiko</i> Tuning of photoluminescence and persistent luminescence	 Véronique Jubera Luminescence of Eu²⁺ centre in Eu-doped yttrium aluminate glasses: 	earth ions in crystals and nanoparticles – Mike Reid Lengthening of $Sm^{2+} 5d \rightarrow 4f$ decay times through interplay with the	
17:25-17:40	properties of Cr ³⁺ and Ca ²⁺ co-doped beta-Al ₂ O ₃ -Ga ₂ O ₃ -In ₂ O ₃ alloy — Yaroslav Zhydachevskyy Reexamination of the luminescent properties of Pr ³⁺ , Er ³⁺ , Tm ³⁺ and	The effect of Gd ³⁺ /Lu ³⁺ addition – <i>Robert Klement</i> Luminescent properties of the Yb-doped LaZr ₂ -xTixO7 solid solution	4f ₆ [⁵ D ₀] level – <i>Casper Van Aarle</i> Combined multiconfigurational and TDDFT studies on the luminescence	
17:40-17:55	Ho ³⁺ doped Bi ₄ Ge ₃ O ₁₂ single crystals for the visible and mid-infrared laser applications – <i>Yannick Guyot</i>	- Germán López-Pacheco	of f- and d-block metal complexes embedded in cyanido-based molecular materials – <i>Mikolaj Zychowicz</i>	
17.40-17.55	– Kirill Eremeev	– Louis Cornet	$SrLiAl_3N_4$:Eu ²⁺ phosphor for light-emitting diode applications	
			– Julien Bouquiaux	
17:55-18:10	LED-pumped Ce:YAG luminescent concentrator for absolute calibration of a streaked optical pyrometer – Maxime Nourry-Martin,	Taking advantage of Cr ³⁺ ions in luminescence thermometry based on hybrid organic-inorganic formats – <i>Dagmara Stefańska</i>	 Julien Bouquiaux High pressure cross-luminescence from BaF₂ as potential wavelength- tunable, fast-response scintillator – Masahiro Yamashita 	
17:55-18:10 18:10-18:25 18:25-18:40	LED-pumped Ce:YAG luminescent concentrator for absolute calibration of a streaked optical pyrometer – <i>Maxime Nourry-Martin,</i> Progress of the investigations on fluoride crystals as viable solid- state UV laser media - <i>Nobuhiko Sarukura</i> Composition engineered Sc-admixed GGAG:Ce single crystal	 Taking advantage of Cr³⁺ ions in luminescence thermometry based on hybrid organic-inorganic formats – <i>Dagmara Stefańska</i> Spectroscopic investigation of Praseodymium and Neodymium doped fluoride crystals for mid infrared applications- <i>Fulvia Gennari</i> From IRQC to APTE self-decontaminating printable surfaces: 40 years of 	 – Julien Bouquiaux High pressure cross-luminescence from BaF₂ as potential wavelength- tunable, fast-response scintillator – Masahiro Yamashita 18:10-18:35 	
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– <i>Markus Suta</i> Enhanced PL properties in (L ¹ /Ca ²⁺ /Bi ³⁺) ions co-doped NaLa(MoO ₄) ₂ : Eu ³⁺ phosphors, Study on temperature sensing behavior and Judd-Ofelt analysis – <i>Sonali</i> Rare earth ion activated GDP ₄	Julien Bouquiaux High pressure cross-luminescence from BaF ₂ as potential wavelength- tunable, fast-response scintillator Masahiro Yamashita 18:10-18:35 The K ₂ SiF ₆ :Mn ⁴⁺ (PFS/KSF) phosphor for led lighting and displays - Bill Cohen single Er ³⁺ ion" Sessions 8: Materials for lighting Session chair Véronique Jubera Emerging Eu ²⁺ -doped/based phosphors for advanced lighting sources applications - Zhiguo Xia Eu ²⁺ Site-Selective Occupation Driven Photoluminescence Modulation for Multi-Scenario White LED Applications - Ming Zhao 10:00-10:25 Advancing Human-Centric Lighting with Phosphor Converted Violet LEDs Jakoah Brgoch Session 9c: Applications of luminescence III Session rom shot": sequential up- and down- spectral conversion processes with a luminescent solar concentrator for optimizing photovoltaic solar cell response - Jorge Méndez Ramos Strong absorbing sputtered luminescent thin films for luminescent solar concentrator applications - Max Derksen CTH:YAG as a luminescent concentrator in the SWIR - Lisa Lopez Luminescence properties of multiscale nanostructured coatings combining ZnO nanowires and Y ₃ AISO ₁₂ : Ce ³⁺ - Audrey Potdevin Realizing High-Performance UVB-LEDs Through Substrate-Dominated Strain-Modulation - Tai Li 12:25-12:50 Stimulus-Responsive Luminescence in Doped Metal Halides - Feng Wang Light extraction and injection enhancement using metallic nanocubes - François Réveret Nanophotonics tunes the emission properties o	
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– <i>Ame Louchet-Chauvet</i> CuPFEE RREAK Session chair – Stupe Fahrenetria Are non-radiative transitions / <i>Ame Louchet-Chauvet</i> Cupreties and ysis – Sorali Structural and Optical Properties of NN ⁺⁻ Doped Double Perovskite - <i>Ante Ferretia</i> Are non-radiative transitions – <i>Chikkadasappa Shivokumara</i> Cupreties Reak Session chair – Jorge Méndez Ramos Luminescent Fraced photocatalysis materials For hotocatrier – InTO ₂ , Anteated phosphor materials for solid state lighting applications – <i>Chi</i>	- Julen Bouquioux High pressure cross-luminescence from BaF, as potential wavelength- tunable, fast-response scintillator – Masahiro Yamashita 18:10-18:35 The K ₂ SIF ₆ :MM** (PF5/KSF) phosphor for led lighting and displays – Bill Cohen single Er ³⁺ ion* Session Sc: Materials for lighting Session chair – Veronique Jubera Emerging LU ²⁻ -Oped/Dased phosphors for advanced lighting sources applications – Zhiguo Xia Eu ³⁺ Stee-Selective Occupation Driven Photoluminescence Modulation for Multi-Scenario White LED Applications – Ming Zhoo 10:00-10:25 Advancing Human-Centric Lighting with Phosphor Converted Violet LEDs – Jakoah Brgoh The photonic conson shot?: sequential up- and down-spectral conversion processes with a luminescence Hill films for luminescent solar concentrator applications – Max Derksen CTH:YAG as a luminescence tint lims for luminescent solar concentrator applications – Max Derksen CTH:YAG as a luminescent concentrator in the SWIR – Lisa Loger – Audrep Paterian Realizing High-Performance UV8-LEDs Through Substrate-Dominated Strain-Modulation – Tat U 12:25-12:50 Stimulus-Responsive Luminescence in Doped Metal Haides – Feng Wang Session chair – Lisa Loger Light extraction and injection enhancement using metallic nanocubes – François Revert Nano-Structured materials IV Session Chair – Lisa Loger Advanced Grange Light extraction and injection enhancement using metallic nanocubes – François Revert Adva	
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Lija Liu Session chair - Taras Pleikhornik How to control the degree of reduction form Euric Moraye-Iu- Budita de multicolour integration enabled by upconversion 3D printing and selectiv	Taking advantage of Cr ²⁺ ions in luminescence thermometry based on hybrid organic-inorganic formats – <i>Dagmara Stefariska</i> Spectroscopic investigation of Praseedymium and Neodymium doped fluoride crystals for mil infrared applications <i>Fulvia Genari</i> From NRC to APT self-decontaminating printable surfaces: 40 years of Auzel Effect applications at LandFoton UFP Lab – <i>Petrus Santo-Cruz</i> Poster session 2 ture 3: Jeff Thompson – "Indistinguishable single photons from a Session chair – Alexey Tiranov Session Sb: Nano-structured materials II Session chair – Alexey Tiranov Session Sb: Nano-structured materials II Session chair – Alexey Tiranov Session Sb: Nano-structured materials II Session chair – Alexey Tiranov Session Sb: Nano-structured materials II Session chair – Alexey Tiranov Session Sb: Nano-structure and studies of nano/micro- crystalline phosphates – <i>Medgorata Guzik</i> A soft-template route for molecular encapsulation in luminescent VVO(Li ⁺ nanoporous particles – Puble <i>De Souse</i> Filho Selective laser spectroscopy of La,, YIA(F, mixed nanocrystals – <i>Louni Dolgov</i> The influence of Eu and Al doping on the energy transfer from high- to low-energy Eu centers in SiO – <i>Chun-Ting Cho</i> COFFEE BREAK Session 9b: High-resolution spectroscopy and quantum technologies I Session chair – Thirery Chanelikre Levitodynamics with optically active nanocrystals – <i>Cyril Laplane</i> Cooperative states of pair Nd ²⁺ optical centers in crystals with fluorite structure and their use for CNOT quantum gate – <i>Yurii Orlowskii</i> Levitodynamics with optically active nanocrystals – <i>Cyril Laplane</i> Cooperative states of pair Nd ²⁺ optical centers in crystals with fluorite structure and their use for CNOT quantum gate – <i>Yurii Orlowskii</i> Levitodynamics with optically active nanocrystals – <i>Cyril Laplane</i> Cooperative states of pair Nd ²⁺ optical centers in crystals with fluorite structure and their use for CNOT quantum gate – Yurii Orlowskii Levitodynamics with optically coptical structure session chair – Nate Ferrerein Are	- Julen Bouquiaux High pressure cross-luminescence from BaF, as potential wavelength- tunable, fast-response scintillator – Masahiro Yamashita 18:10-18:35 The K ₂ SIF ₆ :MM ⁺⁺ (PFS/KSF) phosphor for led lighting and displays – Bill Cohen single Er ³⁺ ion" Session S8: Materials for lighting Emerging Eu ³⁺ -doped/based phosphors for advanced lighting sources applications – Aniguo Xia Eu ³ Site-Selective Occupation Driven Photoluminescence Modulation for Multi-Scenario White LED Applications – Aniguo Xia 10:00-10:25 Advancing Human-Centric Lighting with Phosphor Converted Violet LEDs – Jakoah Brgoh 10:00-10:25 Session chair – Jakoah Brgoh Session chair – Jakoah Brgoh Converted Violet LEDs – Jakoah Brgoh 10:00-10:25 Session chair – Jakoah Brgoh Chirt YKG as a luminescent solar concentrator for orytomizing photovoltai colore ell'response – Jorge Medale Ramos Strong absorbing sputtered luminescent solar concentrator for orytomizing photovoltai colore ell'response – Jorge Medale Ramos Strong absorbing sputtered luminescent solar concentrator for orytomizing photovoltai colore ell'response – Jorge Medale Ramos Strong absorbing sputtered luminescent solar concentrator for orytomizing photovoltai colore ell'response – Jorge Medale Ramos Strong absorbing sputtered luminescent solar concentrator for orytomizing photovoltai colore ell'response – Jorge Medale Ramos Strong absorbing sputtered luminescent solar concentrator	
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- <i>Philippe Smet</i> Persistent luminescent Nosphor - Inglass composites - Leonnam Gotardo Merizio The brightest stars burn the fastest: about optical detrapping induced by stropmyticles: Elucidating the Luminescent Session 11a: Session 11	Taking advantage of Cr ³⁺ ions in luminescence thermometry based on hybrid organic-inorganic formats – <i>Dagmara Stefariska</i> Spectroscopic investigation of Praseodymium and Neodymium doped fluoride crystals for mid infrared applications at LandFoton UFP Lab — <i>Petru Santo-Curx</i> Poster session 2 ture 3: Jeff Thompson – "Indistinguishable single photons from a Session chair – Alexey Tranov Sessions 8b: Nano-structure materials III Session chair – Alexey Tranov Sessions 8b: Nano-structure materials III Session chair – Alexey Tranov Sessions 8b: Nano-structure materials III Session chair – Alexey Tranov Sessions 8b: Nano-structure materials III Session chair – Alexey Tranov Sessions 8b: Cury Content for molecular encapsulation in luminescent VVO(1,1 ⁴ nanoprous particles – Pulo <i>De Souss</i> 18ho Selective laser spectroscopy of La,, Y,MG,F, mixed nanocrystals — <i>Leonid Dolgov</i> The influence of Eu and Al doping on the energy transfer from high- to Iow-energy Eu centers in SiO, – <i>Chun-Ting Cho</i> COFFEE BREAK Session 9b: High-resolution spectroscopy and quantum technologies I Sectral Multiplexing for Scalable Quantum Applications — <i>Perrine Berger</i> Coherent optical spectroscopy of Eu ⁺ -Y,O ₄ transparent ceramics — <i>Shoing Liu</i> Levitodynamics with optical centers in crystals with fluorite structure and their use for CNOT quantum gate – <i>Vuil Orlovskii</i> II:10-123 In-vivo Ultrasound-modulated Optical Tomography using a spectral filter in a are-earth-dogot — <i>Markus Suo</i> CoFFEE BREAK Session 510: Spectras Optical Properties of Ni ²⁺ Optical centers in crystals with fluorite structure and their use for CNOT quantum gate – <i>Vuil Orlovskii</i> II:10-123 In-vivo Ultrasound-modulated Optical Tomography using a spectral filter in are-earth-dogot — <i>Amorkus Suo</i> — <i>Amorkus Suo</i> CoFFEE BREAK Session 5115: Spectrasopy of Ioaque Markumaro Un-expected dominant substitution of Ba ²⁺ site instead of La ³⁺ one in cubic Nd ³⁺ doped BataltWO ₂ , per ovskites – a new host lattice for transparent ceramics – <i>Coper Albih Prokop</i> Struct	 - Julen Bouquiaux High pressure torsol-tuminescence from Bar, as potential wavelength- tunable, fast-response scintillator – Masahiro Yamashita 18:10-18:35 The K,SIF,:Mn+* (PFS/KSF) phosphor for led lighting and displays - Bill Cohen Session SR: Materials for lighting Session SR: Materials for lighting Session Char – Veronique Jubera Eu²⁺ Site-Selective Occupation Driven Photoluminescence Modulation for Multi-Scenario White LED Applications – Ming Zhao 10:00-10:25 Advancing Human-Centric Lighting with Phosphor Converted Violet LEDs – Jakoah Brgoch Session Char – Markon Brgoh "The photonic cannon shot": sequential up- and down- spectral conversion processes with a luminescent solar concentrator for optimizing photovoltale solar cell response – Jorge Méndez Ramos Strong absorbing sputtered luminescent thin films for luminescent solar concentrator applications – Alwan Derksen CTH:YAG as a luminescent oncentrator in the SWIR – Lisa Lopez Luminescenz ponportiss of multiscale nancestr ucured coatings combining photovoltale solar cell response – Jorge Méndez Ramos Strong absorbing sputtered luminescent solar concentrator of optimizing High-Performance UVB-LEDs Through Substrate-Dominated Strain-Modulation – Tal U 12:25-12:50 Stimulus-Responsive Luminescence in Doped Metal Haides – reng Wong Session Octina – Lisa E, Bausá Bottom-up assembly of nanocrystals of roninear, electro-optic, and quantum devices – Rachel Grange Light extraction and lingetion enhancement using metallic nanocubes – <i>François Réveret</i> Nano-structured materials IV Session 10: Session 10: Nano-structured naterials IV Session 10: Session 10: Applications of Luminescence and spectroscopy of inorganic solids IV Session	
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<i>- David Van der Heggen</i> Transparent persistent phosphoris fills as composition - <i>- David Van der Heggen</i> Transparent persistent phosphoris fills as composition - <i>- Dav</i></th><th>Taking advantage of Cr¹⁺ ions in luminescence thermometry based on hybrid organic-inorganic formats – <i>Dagmara Stefariska</i> Spectroscopic investigation of Praseodymium and Neodymium doped fluoride crystals form infinitered applications - <i>Fulsia</i> General Fulsia General Provide Crystals form infinitered applications - <i>Fulsia</i> General Section 2 Section Chair – Alexery Tiranov Section Chair – Carlos Barrol Gurk A soft-template route for molecular encapsulation in luminescent VVO₂-th¹¹ anonporous particles – <i>Pholio De Souro Filmo</i> Copere Beak Section Chair – Thierry Chanellere Spectral Multiplexing for Scalable Quantum technologies 1 Section Chair – Thierry Chanellere Spectral Multiplexing for Scalable Quantum technologies 1 Section Chair – Thierry Chanellere Spectral Multiplexing for Scalable Quantum technologies 1 Section Chair – Thierry Chanellere Spectral Multiplexing for Scalable Quantum Applications <i>– Perine Berger</i> Coherent optical spectroscopy of Eu¹¹, Y, O, transparent ceramics <i>– Perine Berger</i> Coherent optical spectroscopy of Eu¹¹, Y, O, transparent ceramics – Perine Berger Coherent optical Spectral filter in a rare-earth-doped crystal <i>– Nend Downet</i> Spectral Multiplexing for COTI Quantum gene – Puril Orlowskii 12:10-2:25 Spectral Multiplexing for COTI Quantum gene – Puril Orlowskii Spectral Multiplexing for COTI Quantum gene – Puril Orlowskii Spectral Multiplexing for COTI Quantum gene – Puril Orlowskii Spectral Multiplexing for COTI Quantum gene – Puril Orlowskii Spectral Multiplexing for COTI Quantum gene – Puril Orlowskii Spectral Multiplexing for COTI Quantum gene – Puril Orl</th><th></th></trt<>	LED-pumped Ce:YAG luminescent concentrator for absolute calibration of streaked optical pyrometer - 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