

Paper #	PAPER TITLE	FIRST NAME	LAST NAME	ORGANIZATION	ACCEPTED AS	PAPER REF	DAY	TIME	SESSION	ROOM	Lenght
19	Labeling Methods for RNA-based Therapeutics Live-cell Imaging and RNA Structure and Dynamics Investigations	Marcus	Wilhelmsson	Chalmers University of Technology	Oral presentation	OCS-01	Monday, September 9	11:00-13:00	S1: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
7	Buffers matter: fluorescence quenching and photophysics of 2-aminopurine in commonly used buffers.	Marcia	Levitus	Arizona State University	Oral presentation	OCS-02	Monday, September 9	11:00-13:00	S1: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
28	Bioconjugation of a NIR emissive DNA-stabilized Silver Nanocluster to peptides and Insulin by copper-free click chemistry	Vanessa	Rück	University of Copenhagen	Oral presentation	OCS-03	Monday, September 9	11:00-13:00	S1: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
15	Time will tell in fluorescence guided surgery	David	Birch	University Of Strathclyde	Oral presentation	OCS-04	Monday, September 9	14:30-16:30	S1: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
149	Quantitative imaging of contact pressure with fluorescent probes	Fred	Brouwer	University Of Amsterdam	Oral presentation	OCS-05	Monday, September 9	14:30-16:30	S1: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
37	Spectro-temporal hexaplexing of picomolar nucleic acids using time-resolved lanthanide-quantum dot FRET probes	Niko	Hildebrandt	McMaster University	Oral presentation	OCS-06	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
119	RATIOMERIC NANOTHERMOMETER BASED ON RADICAL EXIMERS SHOWING TWO-PHOTON EXCITATION AND EMISSION IN THE BIOLOGICAL	Imma	Ratera	Institut De Ciència De Materials De Barcelona (icmab-csic)	Oral presentation	OCS-07	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
67	HydrodabcyI: a superior hydrophilic alternative to the dark fluorescence quencher DabcyI	Elisa	Bombarda	Laboratory of Bioimaging and Pathologies - University of Strasbourg	Oral presentation	OCS-08	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
60	Two-photon Dye-based Fluorogenic Organic Nanoparticles as Intracellular Thiols Sensors	Ophélie	Dal Pra	Université De Bordeaux	Oral presentation	OCS-09	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
76	Fluorescence Mapping of Mechanical Forces in Polymeric Materials	Jessica	Clough	Adolphe Merkle Institute, University of Fribourg	Oral presentation	OCS-10	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min

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143	Photoluminescence Quantum Yields of Molecular and Nanoscale Luminophores in the UV/vis/NIR/SWIR in Dispersion and in the Solid State	Ute	Resch-Genger	BAM	Oral presentation	OCS-11	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
144	Benchmarking viscosity-sensitive optical probes and their application to reveal non-canonical biophysical behaviors of lipid membranes under stress	Miguel	Paez Perez	Imperial College London	Oral presentation	OCS-12	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
30	New approach for fluorescence quantum yield determination	Krzysztof	Nawara	Institute Of Physical Chemistry PAS	Oral presentation	OCS-13	Monday, September 9	17:00-19:00	S2: 6. Fluorescent probes and sensors	AUDITORIUM 2	15 min
31	Photoactivation of a Fluorescent Plasma Membrane Probe through Amplification Photooxydation for Live Super Resolution Microscopy	Sonia	Pfister	Université De Strasbourg	Oral presentation	OC-01	Monday, September 9	09:30-10:30	Oral communications 1	AUDITORIUM 3-A	10 min
16	in situ analysis method of enzyme activity in single living cells based on EISA and fluorescence correlation spectroscopy	Chaoqing	Dong	Shanghai Jiao Tong University	Oral presentation	OC-02	Monday, September 9	09:30-10:30	Oral communications 1	AUDITORIUM 3-A	10 min
23	Synthesis and evaluation of fluorescent photomodulable probes for application in advanced bioimaging	Valentine	Le Berruyer	University of Strasbourg	Oral presentation	OC-03	Monday, September 9	09:30-10:30	Oral communications 1	AUDITORIUM 3-A	10 min
96	Direct Single-Molecule detection and Super-resolution Microscopy with a low-cost and portable Smartphone-based setup	Morgane	Loretan	University Of Fribourg	Oral presentation	OC-04	Monday, September 9	09:30-10:30	Oral communications 1	AUDITORIUM 3-A	10 min
114	Visualising the Chromatin Landscape of CD8 T Cells Using Single Molecule Super-Resolution and Expansion Microscopy	Ashley	Rozario	La Trobe University	Oral presentation	OC-05	Monday, September 9	09:30-10:30	Oral communications 1	AUDITORIUM 3-A	10 min
152	Rapid stem cell spreading induced by high affinity $\alpha 5\beta 1$ integrin-selective bicyclic RGD peptide in biomimetic hydrogels	Guillermo	Solís-Fernández	Ku Leuven	Oral presentation	OC-06	Monday, September 9	09:30-10:30	Oral communications 1	AUDITORIUM 3-A	10 min
111	Photophysical characterization and structure determination of DNA-stabilized silver nanoclusters	Cecilia	Cerretani	University Of Copenhagen	Oral presentation	OC-07	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min

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6	Tailoring Fluorescent Organic Nanoparticles: Light Harvesting, Emission Enhancement, and Functionalization for cell Biomarking	Grazon	Chloe	Univ. Bordeaux, CNRS, Bordeaux INP, ISM, UMR 5255	Oral presentation	OC-08	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
150	Exploring Surface-Enhanced Fluorescence (SEF) sensing applications using gold nanospheres linear oligomers	Alexandra	Falamas	National Institute for R&D of Isotopic and Molecular Technologies	Oral presentation	OC-09	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
32	Activation of photochromic molecules by luminescence emission of up-conversion nanoparticles	Martyna	Jankowska	Nicolaus Copernicus University	Oral presentation	OC-10	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
21	UV-FCS: ultraviolet autofluorescence correlation spectroscopy on label-free proteins enhanced by nanophotonics	Jerome	Wenger	Cnrs Institut Fresnel	Oral presentation	OC-11	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
71	Integrating Nanofluidic Scattering Microscopy (NSM) with Fluorescence Imaging in Nanochannels	Bohdan	Yeroshenko	Chalmers University of Technology	Oral presentation	OC-12	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
81	Fast molecule-spanning dynamics in a multi-domain protein quantified by single-molecule fluorescence	Veronika	Frank	Institute of Physical Chemistry, University of Freiburg	Oral presentation	OC-13	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
97	Reversible energy and electron transfer in isoenergetic hetero dyads	Bo W.	Laursen	University of Copenhagen	Oral presentation	OC-14	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
59	Near-Infrared Active Tri-nanohybrid for Enhanced Energy Harvesting: Key Information from Ultrafast Spectroscopy	Nivedita	Pan	S.N.Bose National Centre for basic Sciences, Kolkata	Oral presentation	OC-15	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
146	Single-molecule acceptor rise time (smART) FRET for nanoscale distance sensitivity	Jiajia	Van Loon	Shenzhen Institute Of Advanced Technology, Chinese Academy Of Sciences	Oral presentation	OC-16	Monday, September 9	11:00-13:00	Oral communications 2	AUDITORIUM 3-A	10 min
65	Near-infrared co-illumination of fluorescent proteins reduces photobleaching and phototoxicity	Agathe	Espagne	CNRS	Oral presentation	OCS-14	Monday, September 9	17:00-19:00	S3 5.Fluorescent proteins/ 7. Photoresponsive materials/ 8.Other fluorescence-related topics	AUDITORIUM 3- A	15 min

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132	Tandem High-Pressure Spectroscopy-Crystallography of Fluorescent Molecular Rotors	Anita	Jones	University of Edinburgh	Oral presentation	OCS-15	Monday, September 9	17:00-19:00	S3 5.Fluorescent proteins/ 7. Photoresponsive materials/ 8.Other fluorescence-related topics	AUDITORIUM 3- A	15 min
135	Deciphering blinking mechanisms of dye-loaded organic nanoparticles	Pascal	Didier	Laboratory Of Bioimaging And Pathologies	Oral presentation	OCS-16	Monday, September 9	17:00-19:00	S3 5.Fluorescent proteins/ 7. Photoresponsive materials/ 8.Other fluorescence-related topics	AUDITORIUM 3- A	15 min
8	Recent advancements in CPL instrumentation: CPL laser scanning confocal microscopy and rapid handheld time-resolved CPL photography for	Robert	Pal	Durham University	Oral presentation	OCS-17	Monday, September 9	17:00-19:00	S3 5.Fluorescent proteins/ 7. Photoresponsive materials/ 8.Other fluorescence-related topics	AUDITORIUM 3- A	15min
27	Novel nanoparticle formulation for targeted photodynamic therapy of ovarian cancer	Carla	Arnau Del Valle	Instituto Interuniversitario de Investigación de Reconocimiento Molecular y Desarrollo	Oral presentation	OCS-18	Monday, September 9	17:00-19:00	S3 5.Fluorescent proteins/ 7. Photoresponsive materials/ 8.Other fluorescence-related topics	AUDITORIUM 3- A	15min
54	Novel Acridinium Fluorophores - Modulation of Intramolecular Photoinduced Electron Transfer	Marko	H. Nowack	University Of Copenhagen	Oral presentation	OCS-19	Monday, September 9	17:00-19:00	S3 5.Fluorescent proteins/ 7. Photoresponsive materials/ 8.Other fluorescence-related topics	AUDITORIUM 3- A	15min
17	Upconverting nanoparticles coated with a protein-gold nanoclusters for dual imaging and PDT	Vitalijus	Karabanovas	National Cancer Institute (Lithuania)	Oral presentation	OC-17	Monday, September 9	09:30-10:30	Oral communications 3	AUDITORIUM 3-B	10 min
38	Upconversion-Plasmon Nanostructures for Force Sensing	Won	Park	University Of Colorado Boulder	Oral presentation	OC-18	Monday, September 9	09:30-10:30	Oral communications 3	AUDITORIUM 3-B	10 min
86	Single-Particle Tracking with UpConverting NanoParticles	Frederic	Przybilla	University Strasbourg	Oral presentation	OC-19	Monday, September 9	09:30-10:30	Oral communications 3	AUDITORIUM 3-B	10 min
116	Lanthanide based upconverting nanoparticles for more efficient light mediated cancer therapy	Samantha	Zaman	University Of Melbourne	Oral presentation	OC-20	Monday, September 9	09:30-10:30	Oral communications 3	AUDITORIUM 3-B	10 min
34	Recalling the effect of fluorescence anisotropy on the measurement of quantum yields	Gonzalo	Angulo	Institute of Physical Chemistry, Polish Academy of Science	Oral presentation	OC-22	Monday, September 9	09:30-10:30	Oral communications 3	AUDITORIUM 3-B	10 min

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56	Pushing the detection limit of fluorescence lifetime correlation spectroscopy FLCS to the sub-picomolar range	Malavika	Kayyil Veedu	Aix Marseille University	Oral presentation	OC-23	Monday, September 9	09:30-10:30	Oral communications 3	AUDITORIUM 3-B	10 min
11	CHARACTERIZATION AND STABILITY STUDIES OF ALGAE-DERIVED PHYCOERYTHRINS USING FLUORESCENCE SPECTROSCOPY	Ruperto	Bermejo Román	Jaén University	Oral presentation	OC-24	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
50	Supramolecular adducts of [Ru(bpy)CN4]2- complex with metal ions for enhanced hydrogen evolution	Francesca	Mancini	University of Bologna	Oral presentation	OC-25	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
168	Photophysics insights and reactivity of Carbon Nanoparticles combined with Iron	Rebeca	Martinez Haya	Institute Of Molecular Science, University Of Valencia	Oral presentation	OC-26	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
164	Analytical Approach for Determining Molar Extinction Coefficient of DNA-Stabilized Silver Nanoclusters	Giacomo	Romolini	University Of Copenhagen	Oral presentation	OC-27	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
49	High-Sensitivity Rapid Acquisition Spectrometer for Spectral Deconvolution and Speciation	Villads Roskjaer Moe	Nielsen	University Of Copenhagen	Oral presentation	OC-28	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
140	Immobilizing Nucleic Acids on Graphene: Dynamic Structural Biology with Ångström Resolution	Lars	Richter	LMU Munich	Oral presentation	OC-29	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
142	Fluorescence Quenching in Luminol-Fullerene Dyads	Gemma María	Rodríguez Muñiz	Instituto De Tecnología Química- UPV-CSIC	Oral presentation	OC-30	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
80	Selective lowering of the singlet excited state energy to decrease the singlet-triplet gap via intramolecular exciton-exciton coupling.	Clara	Schäfer	University Of Copenhagen	Oral presentation	OC-31	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min
79	Fluorescent lifetime and CPL Control in Supramolecular Organic Dye Based Nanoparticles	Stine G.	Stenspil	University Of Copenhagen	Oral presentation	OC-32	Monday, September 9	11:00-13:00	Oral communications 4	AUDITORIUM 3-B	10 min

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108	Development of a Red-Shifted Ca ²⁺ Fluorescent Biosensor for Imaging Neuronal Activity	Abhi	Aggarwal	University Of Calgary	Oral presentation	OC-33	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
95	Intrinsically emissive thieno-nucleobases in PNA chemistry	Francesca	Cardano	University of Turin	Oral presentation	OC-35	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
90	Development of functional dyes for single-molecule microscopy	Thorben	Cordes	LMU Biocenter	Oral presentation	OC-36	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
72	Fluorescent chitosan probes for the detection of microplastics in complex environmental samples	Eugenio	Giovannetti	University Of Bologna	Oral presentation	OC-37	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
58	Highly Efficient Intramolecular Excimer Formation in a Disulfide-Linked Dipyranyl Compound	Shreya	Juneja	Indian Institute Of Technology Delhi	Oral presentation	OC-38	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
99	Near infrared fluorescent nanosensors for biomedical imaging	Sebastian	Kruss	Bochum University	Oral presentation	OC-39	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
162	Microfluidic devices for cation detection based on calixarene	Isabelle	Leray	Ens Paris Saclay	Oral presentation	OC-40	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
20	Interplay between a heptamethine cyanine dye sensitizer (IR806) and lanthanide upconversion nanoparticles	Haichun	Liu	KTH Royal Institute Of Technology	Oral presentation	OC-41	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min

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64	Unusual photophysics of thienoguanosine, a fluorescent nucleoside analogue, and its applications to monitor protein-induced base flipping	Dipanjan	Mukherjee	University of Strasbourg	Oral presentation	OC-42	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
98	Development of an advanced small fluorescent probe for bacterial teichoic acids	Sergio	Serrano-Buitrago	Complutense University of Madrid	Oral presentation	OC-43	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
39	Probing Ionic Liquid Based Micellar Structures Using the Photophysical Properties of a Plant Alkaloid: Spectroscopy and Microscopy Based Approach	Sudhanshu	Sharma	Iit Hyderabad	Oral presentation	OC-44	Monday, September 9	14:30-16:30	Oral communications 5	AUDITORIUM 3-B	10 min
129	Adapalene as environmentally sensitive fluorescence sensor	Juan Antonio	Soler-Orenes	Instituto Mixto de Tecnología Química (UPV-CSIC)	Oral presentation	OC-45	Monday, September 9	17:00-18:00	Oral communications 6	AUDITORIUM 3-B	10 min
45	HaloTag-based photoswitchable proteins for spatiotemporal control of fluorescence in living cells	Franziska	Walterspiel	Embl Heidelberg	Oral presentation	OC-46	Monday, September 9	17:00-18:00	Oral communications 6	AUDITORIUM 3-B	10 min
62	Photophysical and Structural Properties of Fluorescent Nucleic Acid Base Analogues and their Use in the Study of RNA Folding	Julia	Widom	University Of Oregon	Oral presentation	OC-47	Monday, September 9	17:00-18:00	Oral communications 6	AUDITORIUM 3-B	10 min
14	Membrane Tension Sensitive Conjugated Oligoelectrolytes for Long-Term Monitoring of Endolysosomal Dynamics	Jiyu	Zhu	National University Of Singapore	Oral presentation	OC-48	Monday, September 9	17:00-18:00	Oral communications 6	AUDITORIUM 3-B	10 min
121	Luminescent Material Characterization and Signal Recovery with Time gated Fourier Transformation Spectroscopy	Mikkel Baldtzer	Liisberg	University Of Copenhagen	Oral presentation	OC-49	Monday, September 9	17:00-18:00	Oral communications 6	AUDITORIUM 3-B	10 min

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225	Polymer heterojunction nanoparticles for sensing applications	Soranyel	Gonzalez-Carrero		Oral presentation	OC-50	Monday, September 9	17:00-18:00	Oral communications 6	AUDITORIUM 3-B	10 min
229	Lanthanide upconversion nonlinearity: a key probe feature for background-free signal detection	Niusha	Bagheri	KTH	Oral presentation	OC-51	Monday, September 9	09:30-10:30	Oral communications 3	AUDITORIUM 3-B	10 min
10	Exchangeable fluorophores enable long-term STED super-resolution imaging of amyloids	Cristina	Flors	IMDEA Nanociencia	Oral presentation	OCS-20	Tuesday, September 10	11:00-13:00	S4: 3. Super-resolution, cell imaging, cell probes	AUDITORIUM 2	15 min
12	Hyperspectral Phasor Analysis for Assessing Lipid Polarity in the Pathogenesis of Alzheimer's Disease	Michelle	Digman	University Of California Irvine	Oral presentation	OCS-21	Tuesday, September 10	11:00-13:00	S4: 3. Super-resolution, cell imaging, cell probes	AUDITORIUM 2	15 min
25	Fluorophore blinking in MINIFLUX localization – prerequisites and limiting factors.	Jerker	Widengren	Kth, Royal Insitute Of Technology	Oral presentation	OCS-22	Tuesday, September 10	11:00-13:00	S4: 3. Super-resolution, cell imaging, cell probes	AUDITORIUM 2	15 min
46	Overcoming resolution barriers by photochromic switching of two-photon absorbing fluorophores	Carlos	Benitez-Martin	University Of Gothenburg	Oral presentation	OCS-23	Tuesday, September 10	11:00-13:00	S4: 3. Super-resolution, cell imaging, cell probes	AUDITORIUM 2	15 min
141	Image-Scanning Single-Molecule Localization Microscopy	Oleksii	Nevskiy	University Of Göttingen	Oral presentation	OCS-24	Tuesday, September 10	15:00-17:00	S4: 3. Super-resolution, cell imaging, cell probes	AUDITORIUM 2	15 min
112	Fluorescence Lifetime Imaging Microscopy (FLIM)-assisted analysis of developing human neural organoids	Nore	Van Loon	Ghent University	Oral presentation	OCS-25	Tuesday, September 10	15:00-17:00	S4: 3. Super-resolution, cell imaging, cell probes	AUDITORIUM 2	15 min

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147	ESPRESSO: Spatiotemporal omics based on organelle phenotyping enabled by phasor hyperspectral imaging	Lorenzo	Scipioni	Centre De Recherches En Cancérologie De Toulouse	Oral presentation	OCS-26	Tuesday, September 10	15:00-17:00	S4: 3. Super-resolution, cell imaging, cell probes	AUDITORIUM 2	15 min
131	Nanohybrid Optimization for NIR-Induced Photocatalysis	Laura	Francés-Soriano	Institut De Ciència Molecular / Universitat De València	Oral presentation	OCS-27	Tuesday, September 10	11:00-13:00	S5: 4. Upconversion emission	AUDITORIUM 3	15 min
40	Na ⁺ precursor and pH modulates the Red/Green emission ratio in NaYF ₄ :Yb ³⁺ ,Er ³⁺ upconversion nanoparticles	Oswaldo	Carreño-Vega	UNAM - CFATA	Oral presentation	OCS-28	Tuesday, September 10	11:00-13:00	S5: 4. Upconversion emission	AUDITORIUM 3	15 min
89	Lanthanide-Based Upconverting Nanoparticles: Size, Shape, and Color Tuning for Emerging Applications in Sensing and Encoding	Elina	Andresen	BAM Bundesanstalt für Materialforschung und -prüfung	Oral presentation	OCS-29	Tuesday, September 10	11:00-13:00	S5: 4. Upconversion emission	AUDITORIUM 3	15 min
204	Microwave-assisted synthesis and production of UCNPs	Angel	Lopez-Buendia		Oral presentation	OC-21	Tuesday, September 10	11:00-13:00	S5: 4. Upconversion emission	AUDITORIUM 3	15 min
125	Are single molecule fluorescence decay times biased?	Jacek	Waluk	Institute of Physical Chemistry, Polish Academy of Sciences	Oral presentation	OCS-30	Tuesday, September 10	17:30-18:30	S7: 1. Ultrafast spectroscopy, single molecule	AUDITORIUM 3	15 min
26	Dual color NIR Fluorescence Cross Correlation Spectroscopy using a single superconducting nanowire single photon detector	Abhilash	Kulkarni	KTH Royal Institute Of Technology	Oral presentation	OCS-31	Tuesday, September 10	17:30-18:30	S7: 1. Ultrafast spectroscopy, single molecule	AUDITORIUM 3	15 min
84	Determination of quantitative Interaction Maps in Live Cells Using Alternating Laser Excitation Imaging FCCS (aimFCCS)	Thorsten	Wohland	National University of Singapore	Oral presentation	OCS-32	Tuesday, September 10	17:30-18:30	S7: 1. Ultrafast spectroscopy, single molecule	AUDITORIUM 3	15 min

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29	In Vivo Measuring Autophagic Flux by Single Molecule Fluorescence Correlation Spectroscopy	Jicun	Ren	Shanghai Jiao Tong University	Oral presentation	OCS-33	Tuesday, September 10	17:30-18:30	S7: 1. Ultrafast spectroscopy, single molecule	AUDITORIUM 3	15 min

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169	Revealing Exciton Extraction Pathways in Perovskite@BODIPY Nanohybrids using Ultrafast Spectroscopy	Alejandro	Cortés-Villena	University of Valencia	Poster	P-001					
47	FLIM, FCS and anisotropy measurements for structural biology and phase separation studies	Kevin	Kramm	Picoquant GmbH	Poster	P-002					
107	Characterization of the interaction of proteases with biopolymers by application of Machine-Learning-guided activity assays and fluorescence correlation spectroscopy	Sedef	Depping	Department of Chemistry and Institute for Coatings and Surface Chemistry, Niederrhein University of Applied Sciences	Poster	P-003					
42	Objective Scanning-based Fluorescence Cross-Correlation Spectroscopy (Scan-FCCS) for Studying Fusion Dynamics of Protein Phase Separation	Xiangyi	Huang	Shanghai Jiao Tong University	Poster	P-004					
137	Shedding Light on Polymer Dynamics: A Multi-Scale Approach	Steven	Huysecom	Ku Leuven	Poster	P-005					
106	Analysis of Polymer-Lipase Interaction by Fluorescence Lifetime Correlation Spectroscopy	André	Merz	Department of Chemistry and Institute for Coatings and Surface Chemistry, Niederrhein University of Applied Sciences	Poster	P-006					
154	FRET-assisted structural modeling of dynamic protein ensembles	Bianca	Reschke	Institute for Molecular Physical Chemistry, Heinrich Heine University, Duesseldorf, Germany	Poster	P-007					
190	Exploring the Interactions between DNA and Graphene via Graphene Energy Transfer (GET)	Chenyuan	Yan	Ludwig Maximilian University of Munich, Department of Chemistry and Center for NanoScience	Poster	P-008					

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156	FCS Videos – Cell Membrane Dynamics in Time	Daniel	Aik	National University Of Singapore	Poster	P-009					
186	Graphene Energy Transfer and 2D Heterostructures for Single-Molecule Fluorescence Studies	Izabela	Kaminska	Ludwig Maximilians-universität München	Poster	P-010					
197	Probing the Multiexcitonic Dynamics in CsPbI ₃ Nanocrystals across the Temperature-Induced Reversible Phase Transitions	Siyu	Liu	University Of Copenhagen	Poster	P-011					
199	Ultrafast Dynamics and Single Particle Spectroscopy of Super-Bright Zn Alloyed CsPbI ₃ Perovskite Nanocrystal	Soumen	Mukherjee	IISER Kolkata	Poster	P-012					
94	Integrating spectroscopy and imaging data: Bridging molecular information to microscopic scales.	Thomas-Otavio	Peulen	Julius-Maximilians-Universität Würzburg	Poster	P-013					
118	Highly emissive norephedrine-capped gold nanoclusters: versatile reversible ratiometric pH sensors with pH-dependent antimicrobial activity	Miguel	Justo-Tirado	Instituto De Ciencia Molecular	Poster	P-014					
123	GLUTATHIONE-CAPPED GOLD NANOCLUSTERS GROWN ON THE SURFACE OF LANTHANIDE NANOPARTICLES	Irene	Pérez-herráez	Instituto De Ciencia Molecular	Poster	P-015					
202	CARBON NANO-ONIONS (CNOs) AS LIGHT-RESPONSIVE NANOMATERIALS FOR ANTICANCER PHOTOTHERAPIES	Julia M.	Requena-Ramírez	Instituto De Ciencia Molecular (universidad De Valencia)	Poster	P-016					

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44	Widefield and lightsheet lifetime imaging with a novel SPAD camera	Uwe	Ortmann	Picoquant	Poster	P-018					
220	Fluorescence lifetime reports intracellular cargo release of drug-loaded nanocarriers.	Francisco	Paez Larios	laob Jena	Poster	P-019					
70	Nanosopic characterization of hematopoietic stem/progenitor cell homing using variable angle TIRF and 3D super-resolution microscopy	Abdullah	Alghamdi	KAUST	Poster	P-020					
120	A Highly Sensitive BODIPY Based "turn on" Fluorescent Probe for the Detection of Hypochlorous Acid Within the Mitochondria of The Cell	Connor	Armstrong	Durham University	Poster	P-021					
18	Towards understanding the role of transcription factor oligomerization in regulating gene expression in live cells	Katherina	Hemmen	Rudolf-Virchow-Center for Translational & Integrative Bioimaging	Poster	P-022					
69	MULTICHROMOPHORIC FLUORESCENT GLYCOFULLERENES	Gabriel Alexandru	Hrehoret	Universidad Complutense De Madrid	Poster	P-023					
127	Spectroscopic studies on Amphotericin B modes of entry and activity in the lipid membrane	Sebastian	Janik	Maria Curie-Sklodowska University	Poster	P-024					

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122	Synthesis, Characterisation and Application of a Red-emitting BODIPY for Multiphoton Microscopy	Paolo	Mastroeni	Durham University	Poster	P-026					
160	Performing and Analyzing FRET Nanoscopy on DNA-Origami Platforms with sub-Nanometer Precision	Noah	Salama	Heinrich-Heine-University Düsseldorf	Poster	P-027					
68	Development of a Novel Fluorescent Probe for Live-Cell Imaging of Bruton's Tyrosine Kinase	Anna	Valaka	University Of Gothenburg	Poster	P-028					
126	How to track to avoid being seen - in vivo fluorescence imaging of chloroplasts	Monika	Zubik-Duda	Maria Curie-Sklodowska University	Poster	P-029					
92	Visualizing the coupling between Gag proteolysis and Env clustering in HIV-1 virions	Irene	Carlón Andres	King's College London	Poster	P-030					
180	Ytterbium(III)-based Eosin lakes: exploring the sites binding interaction between the dye and ytterbium ions.	Delia	Bellezza	University Of Valencia-ICMol	Poster	P-031					
218	Yb Content is the Key to make it Bright: Photophysical Studies on Yb, Tm-doped Core-Shell Upconversion Nanoparticles with Increased Sensitizer Content	Naomi	Weitzel	University Of Regensburg	Poster	P-032					

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51	ROS generation of upconverting nanoparticles coated with a plasma protein-stabilized gold nanoclusters	Vilius	Poderys	National Cancer Institute	Poster	P-034					
191	Engineering artificial fluorescent proteins for biological light emitting diodes	Liher	García	Cic Biomagune	Poster	P-035					
195	Conformational changes of membrane-active pH sensitive peptides characterized by tryptophan fluorescence spectroscopy	Deborah Aurora	Perini	ICMol - Universitat de Valencia	Poster	P-036					
215	In vivo detection of p53 protein oligomerization using fluorescence anisotropy measurement	Dita	Strachotová	Institute Of Physics, Charles University, Prague	Poster	P-037					
36	Bile Salt Induced Aggregation and Nanostructure Formation of Beta-Lactoglobulin in Gastrointestinal Environments	DINESHBABU	TAKKELLA	IITH Hydrerabad	Poster	P-038					
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22	Comparative anion sensing investigation using ES IPT derivatives featuring unique ring expansions on the proton donor and acceptor sides	Kirti	Yadav	Iit Guwahati	Poster	P-041					

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88	Dual light dynamics: unveiling the potential of aggregation induced dual emission bichromophores	Abdelouahad	El Abbassi	Bundesanstalt Für Materialforschung Und -prüfung (bam)	Poster	P-044					
77	Spectral multiplexing of DNA based on terbium-to-quantum dot Förster resonance energy transfer (FRET)	Nour	Fayad	Laboratoire COBRA, Université de Rouen, CNRS, INSA, Normandie Université, Rouen, France.	Poster	P-045					
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181	Peptide-functionalized fluorescent polymeric nanoparticles: stealth properties, sensing and imaging applications	Tanushree	Gupta	University of Strasbourg	Poster	P-048					
136	Fluorescence lifetime-based polarity imaging of chemotherapy effects on lipid droplets	Džiugas	Jurgutis	National Cancer Institute & Vilnius University	Poster	P-049					

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165	Cellular Signaling upon Nanomaterials-mediated Phototherapies in Advanced Cancer Models	Sandra	Krzyzowska	Ku Leuven	Poster	P-051					
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201	Amino-1,8-naphthalimide-based solvatochromic fluorophores for the study of biomolecular interactions	Giulia	Micolonghi	Universidad De Granada	Poster	P-053					
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203	Labelling A β amyloid nuclei in confocal and two-photon microscopy. An indolium approach.	Francisco	Nájera	Universidad De Málaga	Poster	P-055					
53	Multiplexed MicroRNA Biomarker Detection by Bridging Lifetime Filtering Imaging and Dynamic Chemistry Labeling	María José	Ruedas-rama	Nanoscopy-UGR Laboratory. Department of Physical Chemistry. Faculty of Pharmacy. University of Granada	Poster	P-056					
200	Luminescent Peptide-based Biosensor for the Study of Src Kinase Activity	Carmen	Salto Girón	Universidad de Granada	Poster	P-057					

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157	Design, development and synthesis of fluorescent sensors for detecting pesticide residues	Romane	Vinot	Ens Paris-saclay	Poster	P-060					
82	The Force Within: Uncovering the role of mechanics in vascular disease with FRET-based molecular tension sensors	Sarah	Vorselmans	KU Leuven	Poster	P-061					
24	Development of pH-sensitive fluorescent probes for cerebrovascular imaging applications	Sophie	Walter	University of Strasbourg	Poster	P-062					
13	Development of a near-infrared (NIR) fluorescent chemigenetic indicator for Ca ²⁺ based on photoactive yellow protein (PYP) tag	Takumi	Yanagimachi	The University of Tokyo	Poster	P-063					
4	Pyrene-based fluorescent "Off-On-Off" detection of zinc(II) and dihydrogen phosphate ions and its applications in live cells imaging and real samples.	Kanishk	Bhardwaj	S.V. National Institute Of Technology	Poster	P-064					
159	Multiplexed screening of cancer biomarkers enhanced by exponential signal amplification and Förster resonance energy transfer	Mariia	Dekaliuk	Institute of Bioorganic Chemistry, PAS	Poster	P-065					

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222	Silane Functionalized Paper Test Strips for Rapid and Sensitive Faecal Pigments Detection towards On-site Water Quality Testing	Swayam	Prakash		Poster	P-086					
189	MXene dots as photocatalysts for CO2 hydrogenation	María	Cabrero Antonino	Instituto De Tecnología Química	Poster	P-067					
115	Europium nanodots: the key for a successful stabilization of blue emitting hybrid perovskite nanosheets	Rita Belén	Cevallos-Toledo	Instituto de ciencia molecular (ICMOL)- Universitat de València	Poster	P-068					
171	Highly stable and homogeneous CsPbBr3 nanocrystals by post-synthetic treatment assisted by visible light	Alessandro	Cicccone	University of Valencia	Poster	P-069					
187	Green, HF-Free Synthesis of MXene Quantum Dots and their Photocatalytic Activity for Hydrogen Evolution	Rubén	Ramírez Grau	Instituto De Tecnología Química (upv-csic)	Poster	P-070					
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158	Liquid-liquid Phase Separation Induced Modulation in the Structure, Dynamics, and Enzymatic Activity of β -lactoglobulin	Saurabh	Rai	Indian Institute of Science Education and Research Bhopal Department of Chemistry	Poster	P-040					
91	A novel integrating sphere for upconversion quantum yield and photoluminescence quantum yield of oxygen-sensitive samples	Grant	Cumming	Edinburgh Instruments	Poster	P-073					
9	Quantitative Tools in VistaVision Multi Image Phasor Analysis	James	Keeler	ISS, INC	Poster	P-074					
63	Exploring ES IPT: Synthesis and Investigation of Pyrene-based Bimodal Photoacids	Viktoría	Kiefer	Saarland University	Poster	P-075					
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57	Naphthylated LEGO-lipophosphonoxins as a versatile tool for studying biological membrane disruption	Radovan	Fiser	Charles University	Poster	P-078					

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35	Chameleon Security Inks	Artemijs	Krimovs	Durham University	Poster	P-080					
207	CsPbBr ₃ perovskite nanocrystals supported on nitride Mxene for efficient photocatalytic CO ₂ reduction	Froy Kevin	Mego de la Cruz	Instituto de Tecnología Mixta	Poster	P-081					
87	Strategic design of rhodamine-like helicenes for improving CPL brightness in small cationic dyes	Dalma	Nánási	University Of Copenhagen	Poster	P-082					
223	Novel substrates for super resolution studies of supported lipid bilayers (SLBs) via graphene induced energy transfer (GIET)	Jan	Sýkora	J. Heyrovský Institute of Physical Chemistry of the CAS, v. v. i.	Poster	P-083					
224	Novel on/off switch hydrogel functionalized with cyclometallated Ir(III) complexes for in vitro cell imaging in 3D platforms	Ariadna	Lázaro	Karlsruhe Institute Of Technology	Poster	P-084					
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