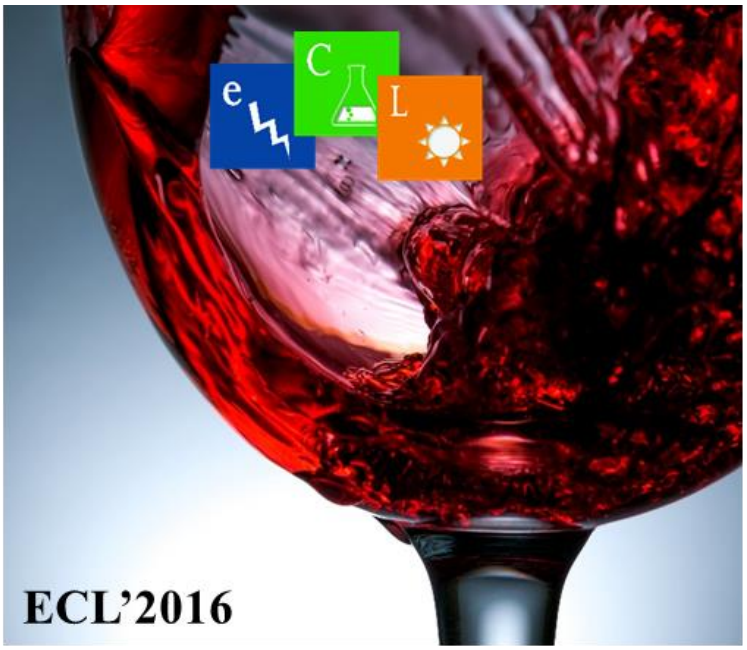

International Conference on Electrogenerated Chemiluminescence

29-31 August 2016, Bordeaux (France)

PROGRAM

Monday, August 29th

08:30			***Registration***	
09:20			***Welcome and Opening of the Conference***	
09:30	**MO.IL1**	**Ding**	**Interrogation of Electrochemiluminescence from Nanocrystals and Nanoclusters**	**Amatore**
10:30	MO.O1	Dennany	Electrochemiluminescent Biomedical Detection in Biological Samples	
10:50	MO.O2	Xu	New Coreactants for $Ru(bpy)_3^{2+}$ Electrogenerated Chemiluminescence	
11:10			***Coffee Break***	
11:40	MO.O3	Kim	Electrochemiluminescence of Luminol/H_2O_2 on Indium Tin Oxide Modified with Dendrimer-Encapsulated Au Nanoparticles	**Hogan**
12:00	MO.O4	Valenti	Transparent Carbon Nanotube Network for Efficient Electrochemiluminescence Device	
12:20	MO.O5	Deiss	Opto-electrochemical Detection of Microorganisms using Microfluidic Devices	
12:40	MO.O6	Carrara	Towards New Hybrid Nanostructured Materials Based on Carbon Dots for ECL Applications	
13:00			**Lunch**	
14:40	**MO.IL2**	**Forster**	**Wireless, Multiplexed, Frequency Dependent Detection in ECL**	**de Cola**
15:40	MO.O7	Larbolette	Analytical and Diagnostic Performance in Immuno-Assays: Theory and Practical Aspects	
16:00	MO.O8	Ugo	Sensitive ECL Detection of Anti-tissue Transglutaminase by Nanoelectrode Ensemble Biosensors for Celiac Disease Diagnostics	
16:20	MO.O9	Oleinick	Theoretical Modeling and Optimization of the ECL Efficiency of Ru-Doped Silica Nanoparticles	
16:40			***Coffee Break***	
17:10	MO.O10	de Poulpiquet	Dual Enzymatic Detection by 3D Electrogenerated Chemiluminescence	**Francis**
17:30	MO.O11	Ding	A General Strategy to Fabricate Electrochemiluminescence Sandwich-type Nano-immunosensors Using CdTe@ZnS Quantum Dots as Luminescent Labels and Fe_3O_4@SiO_2 Nanoparticles as Magnetic Separable Scaffolds	
17:50	MO.O12	Haghighatbin	Spectroscopic, Electrochemical and Electrochemiluminescent Properties of Highly Luminescent Iridium(III) 1,2,4-triazole Complexes	
18:10	MO.O13	Zhou	Rapid and Label-free Gene Detection of Pathogenic Bacteria Based on Paper-based Bipolar Electrode Electrochemiluminescence Technique	
18:30	MO.O14	Li	Fabrication of the Novel Bipolar Electrochemistry	
18:50			**Poster Session (with buffet and drinks)**	

Tuesday, August 30th

09:00	**TU.IL1**	**Cui**	**Nano-catalyzed Chemiluminescence and Electrochemiluminescence in Bioassays**	**Blum**
10:00	TU.O1	Fernández-Llano	Portable Analytical Instrumentation for Electrochemiluminescence Assays: a Miniaturized Spectrometer and a Photodiode based Device	

10:20	TU.O2	Gorgy	Electrogenerated Photosensible Polymers for Biosensing	
10:40			***Coffee Break***	
11:10	TU.O3	Zhang	High Catalysis Activity of Cu_2O Microcrystals to the Electrochemiluminesence of Luminol and H_2O_2	**Kuhn**
11:30	TU.O4	Sedgwick	Electrochemiluminescent Detection of Saccharides using Boronic Acids	
11:50	TU.O5	Zhou	Electrochemiluminescence Immunoassay -- What We Can Do Further	
12.10	TU.O6	Zholudov	ECL Detection of Tetraphenylborate Ion Using 9,10-diphenylanthracene/ Polyvinyl Butyral Film Modified Electrode	
12:30			**Lunch**	
14:00			**Excursion**	
19:00			**Social Dinner**	

Wednesday, August 31st

09:00	**WE.IL1**	**Blum**	**Simultaneous Electrochemiluminescent Measurement of Oxidoreductase Activities Using a 96-Well Plate with Screen-Printed Electrodes**	
10:00	WE.O1	Chaniotakis	The Elucidation of the PL and ECL of Carbon Dots and Related Carbon Based Nanomaterials	**Xu**
10:20	WE.O2	Li	Turn on Electrochemiluminescence of Stimuli-Responsive Hydrogel Films	
10:40			***Coffee Break***	
11:10	WE.O3	Hanif	A Cathodic Electrochemiluminescence Sensor Based on Tris(4,7-diphenyl-1,10-phenanthroline) Ruthenium (II) Modified Carbon Paste Electrode	**Bouffier**
11:30	WE.O4	Shu	Direct Electrochemiluminescence of Gold Nanoparticles Bifunctionalized by N-(aminobutyl)-N-(ethylisoluminol)/metal Complexes	
11:50	WE.O5	Tsuneyasu	Effects of Electron Transfer Between TiO_2 Nanoparticles and Ruthenium(II) Complex on Alternating-Current-Driven Electrochemiluminescence	
12:10	WE.O6	Snizhko	CMOS Photocamera for ECL Detection on Wireless Chip	
12:30			**Lunch**	
14:00	**WE.IL2**	**Francis**	**Multi-coloured Electrogenerated Chemiluminescence from Mixed Metal Complex Systems**	
15:00	WE.O7	Fiorani	Molecular Size and Electronic Structure Combined Effects on the Electrogenerated Chemiluminescence of Sulfurated Pyrene-Cored Dendrimers	**Forster**
15:20	WE.O8	Daniel	Bright Electrogenerated Chemiluminescence of a Bis-donor Quadrupolar Spirofluorene Dye and its Nanoparticles	
15:40	WE.O9	Irkham	Electrogeneration of $S_2O_8^{2-}$ at BDD Electrodes in a $Ru(bpy)_3^{2+}$ Electrogenerated Chemiluminesence System	
16:00			**Concluding Remarks**	