

Salle cheminée:

15th Meeting on **Nanoscience Advances**

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	Monday, Sept. 29th		Tuesday, Sept. 30th		Wednesday, Oct. 1st		Thursday, Oct. 2nd
		09:00	Keynote Serge RAVAINE Design and programmed self-	09:00 09:40	Keynote Guillermo ACUNA DNA nanotechnology for	09:00	Carmen RUIZ HERRERO Indoor photovoltaics: new opportunities for reconceiving PV devices Sébastien SANAUR
			assembly of patchy nanoparticles		nanophotonics	09:30 09:50	New opportunities for organic electrochemical transistors using nanotechnologies
		09:40 10:00	Nathan ULLBERG* Temperature and chemistry of nanoparticles monitored by wavefront microscopy	09:40 10:00	Kaltoum BAKKOUCHE* Nickel Phosphide Nanocrystals with Functionalized Surface for the Activation of H2 at Low Temperature	09:50 10:10	Qingxiang JI Thermal nonreciprocity tuned by wrinkle patterns in graphene
09:15	Ferry crossing → Porquerolles	10:00 10:20	Jade DAMASCO* Formulation of photopolymerizable resin for point-of-care optical application	10:00 10:20	Arpit VERMA* Interface and Band Alignment Studies of Cu-Doped NiO Hole Transport Layers in Triple-Cation	10:10 10:40	COFFEE BREAK
09:45	Arrival at IGESA Center Luggage drop off in the locker room	10:20 10:50	COFFEE BREAK	10:20 10:50	COFFEE BREAK	10:40 11:10	Dodzi ZIGAH Improvement of solar energy conversion to H₂ using photoelectrochemical microscopy
11:00 11:20	Meeting opening	10:50 11:20	Olivier SIRI Quinoidal ligand in nanoscience: from solution to surface	10:50 11:20	Guillaume BAFFOU Full optical characterization of nanomaterials using phase microscopy	11:10 11:30	Aura TINTARU Colloidal GaP resonators for nonlinear nanophotonics
11:20	Keynote Didier GIGMES	11:20 11:40	Lina EL AISSATI* Impact of surface nanostructuration on the engineered structural colors	11:20 11:40	Roman BUISINE* Achromatic optical metasurface limits	11:30 11:50	Nicolas BONOD Identifying intrinsic resonances of optical materials
12:00	Solid Polymer Electrolytes for Lithium Metal Battery	11:40 12:00	Thierry DJENIZIAN Bioresorbable Na-ion Battery for Temporary Medical Devices	11:40 12:00	Lola GUENGARD MORINEAU* Colloidal GaP resonators for nonlinear nanophotonics	11:50 12:00	Award session Meeting ending
12:05	LUNGU	12:05	LUNGU	12:05	LUNGU	13:45	Ferry crossing → The Tour Fondue
13:30	LUNCH	13:30	LUNCH	13:30	LUNCH		
13:30 16:00	Time for discussions	13:30 16:00	Time for discussions	13:30 16:00	Time for discussions		Regular Speakers
16:00 16:30	Catherine JOURNET Towards 1D van der Waals Heterostructures: ALD of BN on CNT	16:00 16:30	Blandine ALLOING InGaN-based nanostructures for photoelectrochemical water splitting	16:00 16:30	Lise-Marie LACROIX Magnetic nanoparticles: from chemical synthesis to applications		Invited Speaker Keynote Speakers
16:30 16:50	Guillaume AYALA* Ultra-fast dynamics of ferroelectric switching and strain field in GeTe thin films under ps light pulse	16:30 16:50	Luca PASQUINI Long-side chain ionomer and exfoliated lamellar double hydroxides anion exchange	16:30 16:50	Hussien HAMMOUD* Flexible bioresorbable Na-ion batteries for temporary medical devices		Flash poster speaker
16:50 17:20	Charles GUILLEMARD X-ray magnetic circular dichroism study of novel Mn-based compounds grown by MBE	16:50 17:20	Emmanuel BAUDIN Electroluminescence and Energy Transfer in hBN-encapsulated Graphene Transistors	16:50 17:20	Lucy GLOAG Hierarchical nanostructures for high performance electrocatalysis		
17:20 17:50	COFFEE BREAK	17:20 17:50	COFFEE BREAK	17:20 17:50	COFFEE BREAK		
17:50 18:20	François LUX Translation to the clinic of an ultrasmall nanoparticle	17:50 18:20	Sébastien ROYER Active phase dispersion of transition Me-based supported catalysts & its effect in key energy related reactions	17:50 18:20	Thomas PONS Semiconductor nanocrystals in microcavities for sensing and lasing		cnrs
18:20 18:40	Saii Eisake MURUGESAN* Designing TiO ₂ /Ni as protective layer and efficient hole transport layer for n-GaAs photo anodes	18:20 18:40	Michelle SALIBA* Hydrochar-Enhanced CuFe-LDH Electrodes for Alkaline HER and HOR: Toward Sustainable	18:20 18:40	Ayoub BENMOUMEM* TEM characterization of helium nano- bubbles in implanted tungsten samples in the context of nuclear		GHILO
18:40 19:10	Flash PRESENTATIONS	18:40 19:00	Giorgia MALANO* TiO _x N _Y as a Charge Transport and Protection Layer for Silicon-Based OER Photoanodes	18:40 19:00	Vadim ZALOMIRNYI* Fluorescence enhancement via lossless all-dielectric meso-particles		amU
19:30 20:30	DINNER	19:30 20:30	DINNER	19:30 20:30	GALA DINNER		
21.00	Salle cheminée:						Aix Marseille Université

