C'NANO PROVENCE-ALPES-CÔTE D'AZUR

Institut Matériaux Avancés et Nanotechnologies
Aix*Marseille Université

Monday, Sept. 13th		Tuesday, Sept. 14th		Wednesday, Sept. 15th
	09:00	Keynote Emmanuel FLAHAUT Surface chemistry and environmental impact of carbon-based nanomaterials	09:00	Keynote Sara DUCCI Generation and manipulation of quantum states of light with semiconductor photonic chips
Ferry crossing → Porquerolles	09:40		09:40	
Arrival at IGESA Center Luggage drop off in the locker room	09:40 10:00	Nathalie DESTOUCHES Laser-induced printed image multiplexing on plasmonic metasurfaces	09:40 10:00	Julien BRAULT AlGaN quantum dots by molecular beam epitaxy for UV LEDs
	10:00 10:20	Aurélien MANCHON Unconventional transport in noncollinear antiferromagnets	10:00 10:15	Sophie CARENCO Nano-Carbides on Carbons from a Versatile Route initiated at Room Temperature
Meeting opening	10:20 10:40	COFFEE BREAK	10:15 10:35	COFFEE BREAK
Keynote Albert POLMAN Probing nanoscale optical near fields in the scanning electron microscope	10:40 11:00	Sébastien BIDAULT Addressing plasmonic hot-spots: from DNA-based self-assembly to wavefront shaping	10:35 10:55	Fabienne MICHELINI Time-resolved dynamics in open quantum nanosystems
	11:00 11:15	Marie-Anne ESTEVE Perfluorocarbon nanodroplets and ultrasounds as tools to improve glioblastoma treatment	10:55 11:10	Frédéric LEROY Structure et stabilité des nanodomaines ferroelectriques dans les films minces épitaxiés de GeTe sur Si(111)
Anna CAPITAINE Nanocube epitaxy for the low-cost realization of high-quality gold nanostructures	11:15 11:35	Jérôme WENGER Plasmonic nanostructures to enhance single molecule fluorescence detection	11:15 11:30	Lionel PATRONE Structural & electrical properties of self-assembled organic monolayers on germanium as passivating and insulating films
Nicolas GIACOLETTO In situ generation of Ag nanoparticles during photopolymerization : 3D/4D printing applications	11:35 11:50	Jayeeta AMBOLI Pseudo-chiral meta-surfaces for the detection of chiral molecules	11:30 11:45	Frédéric DUMUR Sequential processing of 2D covalent networks on metal substrates
Marco FAUSTINI From 2D to 3D self-assembly of cracks in solution-processable coatings	11:50 12:05	Bruno BERTIN-JOHANNET Electronic quantum optics in strongly correlated systems	11:45 12:00	**Meeting Award session**
LUNCH	12:05	LUNCH	12:00 12:10	**Meeting ending**
	13:30		14:00	Ferry crossing → The Tour Fondue
Time for discussions	13:30 16:00	Time for discussions		
Keynote Julien BACHMANN What difference an atom makes - Interface engineering by ultrathin coatings in energy conversion	16:00 16:20	Nadine MILLOT Development of novel versatile theranostic platforms based on titanate nanotubes: new safe nanovectors for drugs, plasmid DNA and imaging probes		
	16:20 16:35	Dara MARIN Electron Paramagnetic Resonance for Spin Detection in Nano-objects		
Gabriel LOGET Nanostructured photoelectrodes : from energy to luminescence	16:35 16:50	Clémence BADIE Atomic Layer Deposition: An Innovative Process For Hydrogen Separative Membrane Frabrication		
COFFEE BREAK	16:50 17:05	Maissa BARR Direct deposition of high-resolution 3D nanostructures by Atomic-Layer Additive Manufacturing (ALAM)		
Frédéric FAVIER Nano-engineering of 2D materials for electrochemical energy storage	17:05 17:25	COFFEE BREAK		
Thierry DJENIZIAN Towards the cyborg lens	17:25 17:45	Isabelle PHILIP Quantum sensing with NV centers in diamond : towards novel functionalities		
Benoît GENNARO EDEN INSTRUMENTS	17:45 18:00	Petr GRIGOREV Synergistic coupling in QM/MM simulations of dislocations via machine learning		
Brice HOFF SPECS	18:00 18:15	Baptiste CHATELAIN The Water Forming Reaction on Palladium Nanoparticles Studied by Kelvin Probe Force Microscopy		
Christophe DEFRANOUX SEMILAB	18:15 18:35			
DINNER	19:30	DINNER		
Salle cheminée: Poster session	21:00	**Social event**		

Keynote Speakers
Invited Speakers
Regular Speakers

12th Meeting on NanoScience Advances

13-15th Sept. 2021
Porquerolles

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