

# C'Nano PACA

# JSP 2019

# Porquerolles

Mercredi 25 septembre		Jeudi 26 septembre		Vendredi 27 septembre	
08:45	Navette IGESA Tour Fondue	09:00	Keynote	09:00	Keynote
		09:40	<b>François GUYOT</b> Oxide and sulfide nano-materials in environmental microbiology : major drivers of biogeochemical cycles	09:40	<b>Lukas NOVOTNY</b> Optoelectronics with Low-Dimensional Materials
		09:40 10:00	<b>Marie CARRIERE</b> Mineral (nano)particles as food additives, toxicological implications	09:40 10:00	<b>Alexandre BOUHELIER</b> Transducing Electrons and Photons in an Atomic-scale Optical Feed
10:00 10:20	OPENING	10:00 10:20	<b>François-Xavier PERRIN</b> Conducting polymer nanofibers and nanotubes for anticorrosion applications	10:00 10:15	<b>Luis Arturo ALEMAN CASTANEDA</b> Coordinate and Heights super-resolution Imaging with Dithering and Orientation (CHIDO) for Single Molecules
10:20 10:40	Keynote	10:20 10:40		10:20 10:40	
10:40 11:00	<b>Erik GARNETT</b> Nanomaterials for Solar Energy Conversion	10:40 11:00	<b>Hervé RINNERT</b> Growth and properties of doped silicon nanocrystals	10:40 11:00	<b>Sébastien CUEFF</b> Tunable nanophotonics with phase-change materials
11:00 11:15	<b>Ryan Crisp</b> Tuning the properties of colloidal semiconductor quantum dots to empower solar cells and photoelectrochemical devices	11:00 11:15	<b>Sophie CARENCO</b> Safer-by-design approach for emerging nanomaterials: the case of metal oxysulfides	11:00 11:15	<b>Jean-Benoit CLAUDE</b> Optimization of photonic nanostructure fabrication using focused ion beam milling
11:35 11:40	<b>Jinkai YUAN</b> Flexible dielectric nanocomposites: from energy storage to energy harvesting	11:15 11:35	<b>Davide NORMANNO</b> Maze runners and square dancers: Cytosolic transport of nanosized objects in mammalian cells	11:15 11:30	<b>François RENAUD</b> Frequency doubling in Cavity-Resonant Integrated Grating Filters
11:40 11:55	<b>Beniamino SCIACCA</b> Self-assembled monocrystalline nanopatterns for optoelectronics	11:35 11:50	<b>Sébastien BIDAULT</b> Assembling Plasmonic Resonators on Synthetic DNA Nanostructures	11:30 11:45	<b>Bruno GALLAS</b>
11:55 12:10	<b>Charles CORNET</b> III-VSi photoelectrodes: a new route for solar hydrogen production	11:50 12:10	<b>Simona MURA</b> A novel biomimetic approach to target cancer cell	11:45 12:05	<b>Konstantinos ILIOPOULOS</b> Super-resolution efficiency of chalcogenide thin film layers
12:10	DEJEUNER	12:10	DEJEUNER	12:05 12:15	Session de cloture
13:30		13:30			
13:30 16:00	Time for discussions	13:30 16:00	Time for discussions		
16:00	Keynote	16:00 16:20	<b>Patrice GENEVET</b>		
16:40	<b>Claudine KATAN</b> Theoretical insight on quantum and dielectric confinement in metal-halide perovskites	16:20 16:40	<b>Mikhael BECHELANY</b> Engineering of nanomaterials and interfaces for environmental applications		
16:40 17:00	<b>Sylvain CLAIR</b> Controlling a Chemical Coupling Reaction on a Surface: Tools and Strategies for On-Surface Synthesis	16:40 16:55	<b>Lionel PATRONE</b> Fonctionnalisation du Ge par des monocouches auto-assemblées : application aux nanodiélectriques		
17:00 17:20	Pause	16:55 17:20	Pause		
17:20 17:40	<b>Géraldine DANTELLE</b> Developing highly luminescent oxide nanocrystals by high-pressure solvothermal method	17:20 17:35	<b>Ali EL BARRAJ</b> Thermomigration on Si(100) and Si(111) surfaces		
17:40 17:55	<b>Sam MARKS</b> High Resolution EDS Spectrum Imaging Comparing STEM, STEMSEM and SEM	17:35 17:50	<b>Thomas SWINBURNE</b> Autonomous and massively parallel construction of material models		
17:55 18:10	<b>Philippe LASSON</b> Cartographies Spectrales Submicroniques par spectrométrie à sélection d'énergie au MEB	17:50 18:05	<b>David BARRESI</b> Exploring Li distribution in Li-ion batteries with FIB-SEM and TOF-SIMS		
18:10 18:25	<b>Peter GNAUCK</b> High resolution imaging and nanoanalytics with He and Ne ions	18:05 18:20	<b>Elena MICKEEVA</b> Phase-gradient metasurfaces based on a photosensitive chalcogenide glass		
19:30	DINER	19:30	DINER		
21:00	salle cheminée : séance poster	21:00 end open	Cadran lunaire - soirée festive		

Invited speakers
Contributing talks
Keynote speakers
C'Nano PACA highlights